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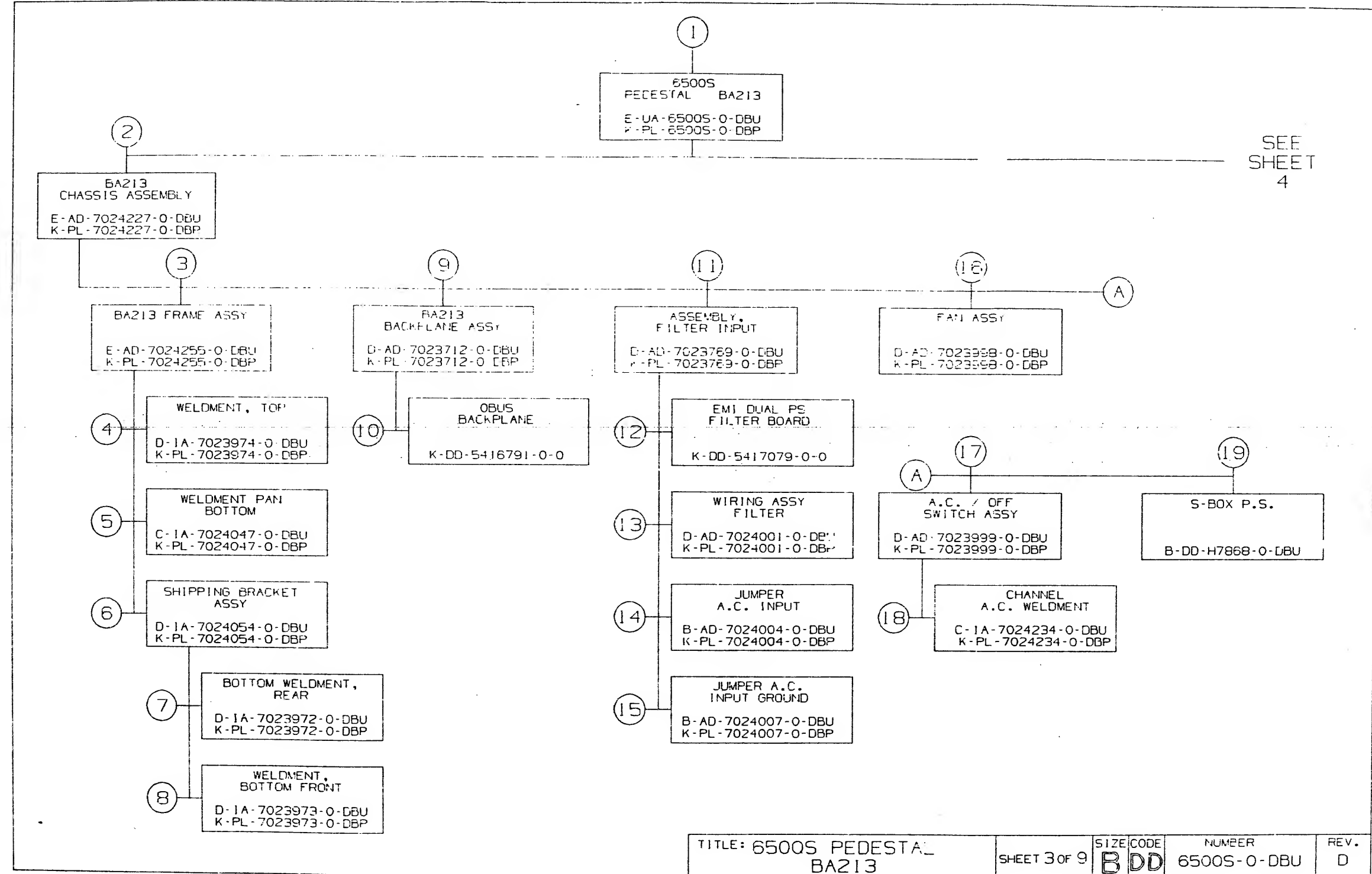
UNIT VARIATIONS
COVERED BY THIS
PRINT SET

6500S-A2
6500S-A3
6500S-B2
6500S-B3
6500S-C2
6500S-C3
6500S-D2
6500S-D3
6500S-E2
6500S-E3
6500S-F2
6500S-F3
6500S-H2
6500S-H3
6500S-J2
6500S-J3
6500S-K2
6500S-K3

PRINT SET PART
NUMBER MP-02538-01
REV C1

FILE NAME: TC-650QS-0-DBUC

REVISION HISTORY				DRN.	DATE	TITLE		
DATE	ECO NUMBER	INITIAL	REV.				SIZE	CODE
			A		JEFF CORMIER	17-APR-87	6500S PEDESTAL	
			B		D. HEALY	24-AUG-87	BA213	
			C		G. LIDINGTON	24-AUG-87	6500S-0-DBU	
03-MAY-88					G. LIDINGTON	24-AUG-87	C	
30-SEP-88					W. ANDREWS	24-AUG-87	SHEET 1 OF 1	
				TOP DOC.	B-DD-6500S-0-DBU			



TITLE: 6500S PEDESTAL
BA213

SHEET 3 OF 9

SIZE CODE
BDD

NUMBER
6500S-0-DBU

REV.
D

MLOI

CONT
SHEET
3

20

H3600 BULKHEAD
MODULE ASSY
D-UA-7023988-0-DBU
K-PL-7023988-0-DBP

21

BULKHEAD FRONT
DUAL ASSY
D-AD-7023982-0-DBU
K-PL-7023982-0-DBP

22

H3600 CONSOLE
SLU MODULE
K-DD-5417016-0-0

21

BULKHEAD FRONT
DUAL ASSY
D-AD-7023982-0-DBU
K-PL-7023982-0-DBP

23

BIZ ACCESSORIES
KIT
K-PL-7024316-0-DBP

24

BASE ASSY
D-AD-7024046-0-DBU
K-PL-7024046-0-DBP

SEE
SHEET
5

TITLE: 6500S PEDESTAL
BA213

SHEET 4 OF 9

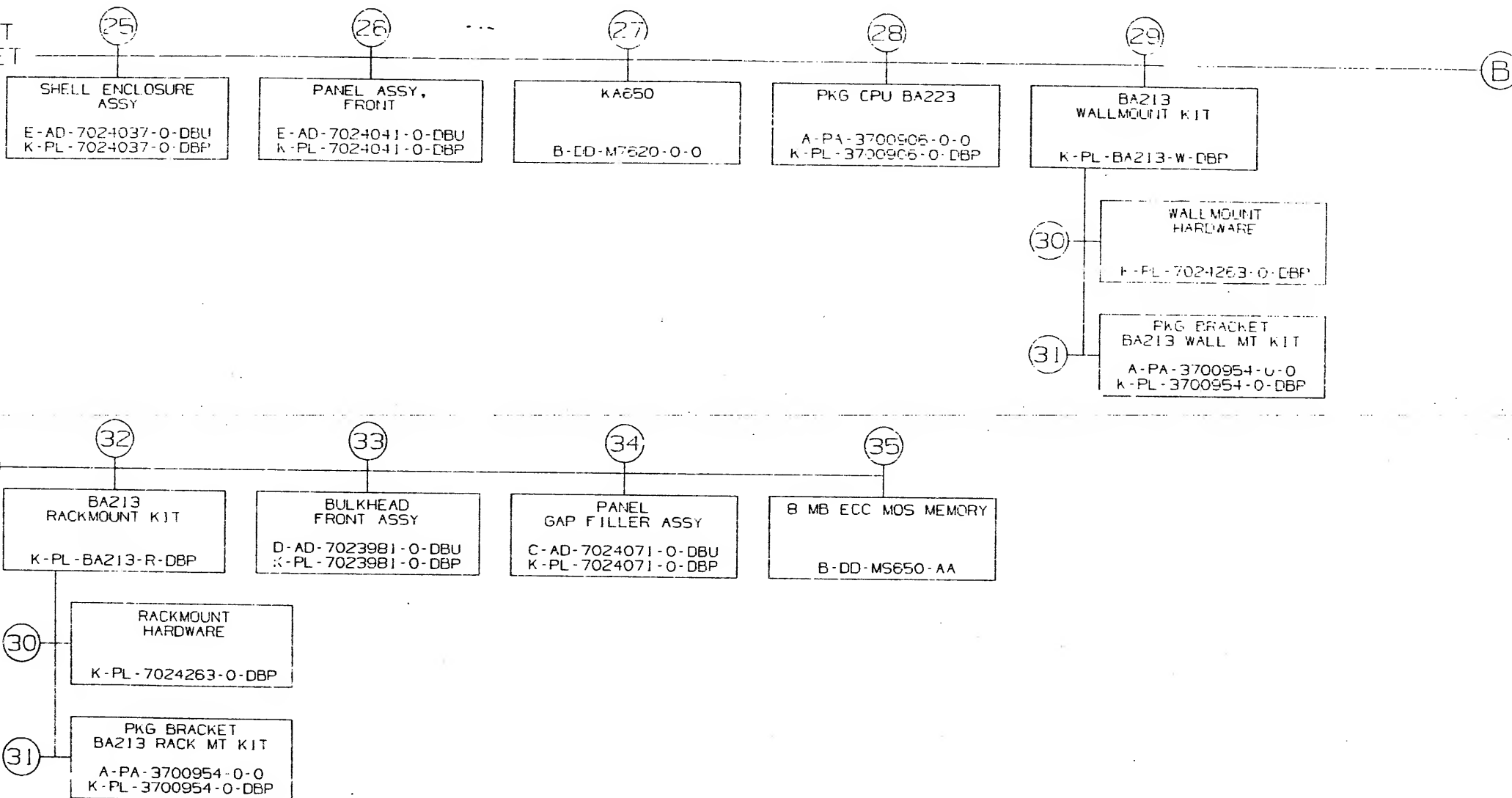
SIZE CODE
B DD

NUMBER
6500S-0-DBU

REV.
D

MLO!

CONT
SHEET
4



TITLE: 6500S PEDESTAL BA213	SHEET 5 OF 9	SIZE CODE B DD	NUMBER 6500S-0-DBU	REV. D
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ML01

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	K-PL-7023973-0-DBP	WELDMENT, BOTTOM FRONT (PL)	M				
	C-MD-7433961-0-DBU	WIREFORM, BOTTOM FRONT	M				
	B-MD-7433577-0-DBU	BRACKET, SHIPPING, BOTTOM	M				
9	D-AD-7023712-0-DBU	BA213 BACKPLANE ASSY	E/M	16	D-AD-7023998-0-DBU	FAN ASSEMBLY	M
	K-PL-7023712-0-DBP	BA213 BACKPLANE ASSY (PL)	E/M		K-PL-7023998-0-DBP	FAN ASSEMBLY (PL)	M
	D-1A-7433566-0-DBU	PANEL, BACKPLANE SUPPORT	M		D-MD-7433565-0-DBU	BRACKET, FAN	M
	K-PL-7433566-0-DBP	PANEL, BACKPLANE SUPPORT (PL)	M				
	C-MD-7433980-0-DBU	INSULATOR, BACKPLANE	M	17	D-AD-7023999-0-DBU	A.C./OFF SWITCH ASSY	E/M
					K-PL-7023999-0-DBP	A.C./OFF SWITCH ASSY (PL)	E/M
					C-MD-7433966-0-DBU	BOX, SWITCH	M
					A-PS-1701489-0-0	WIRE HARNESS ASSY	E/M
10	K-DC-5416791-0-0	OBUS BACKPLANE	E/M				
				18	C-1A-7024234-0-DBU	CHANNEL WELDMENT, A/C	M
					K-PL-7024234-0-DBP	CHANNEL WELDMENT, A/C (PL)	M
11	D-AD-7023769-0-DBU	ASSY, FILTER INPUT	E/M		D-MD-7433975-0-DBU	CHANNEL, A/C RIGHT	M
	K-PL-7023769-0-DBP	ASSY, FILTER INPUT (PL)	E/M		D-1A-7433963-0-DBU	COVER, A/C RIGHT	M
	E-1A-7433962-0-DBU	SUPPORT, AC FILTER	M		K-PL-7433963-0-DBP	COVER, A/C RIGHT (PL)	M
	K-PL-7433962-0-DBP	SUPPORT, AC FILTER (PL)	M				
				19	B-DD-H7868-0-DBU	S-BOX PS	E/M
12	K-DD-5417179-0-0	EMI DUAL PS FILTER BOARD	E/M				
				20	D-UA-7023988-0-DBU	H3600 BULKHEAD MODULE ASSY	E/M
13	D-1A-7024001-0-DBU	WIRING ASSEMBLY, FILTER	E/M		K-PL-7023988-0-DBP	H3600 BULKHEAD MODULE ASSY (PL)	E/M
	K-PL-7024001-0-DBP	WIRING ASSEMBLY, FILTER (PL)	E/M		C-MD-7433477-0-DBU	HOLDER, BATTERY PACK	M
					A-PS-3626584-0-0	LABEL, BAUD SELECT H3600	M
					A-PS-3623593-0-0	LABEL, BLANK, PAPER, PIN FEED	M
14	D-1A-7024004-0-DBU	JUMPER, A/C INPUT	E/M				
	K-PL-7024004-0-DBP	JUMPER, A/C INPUT (PL)	E/M	21	D-AD-7023982-0-DBU	BULKHEAD FRONT DUAL ASSY	M
					K-PL-7023982-0-DBP	BULKHEAD FRONT DUAL ASSY (PL)	M
					E-1A-7433637-0-DBU	BULKHEAD, FRONT, DUAL	M
					K-PL-7433637-0-DBP	BULKHEAD, FRONT, DUAL	M
15	B-1A-7024007-0-DBU	JUMPER, A/C INPUT, GROUND	E/M				
	K-PL-7024007-0-DBP	JUMPER, A/C INPUT, GROUND (PL)	E/M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: 6500S PEDESTAL BA213			
				SHEET 7 OF 9		SIZE CODE BDD	NUMBER 6500S-0-DBU
							REV. D

DRB 108A

MLO1

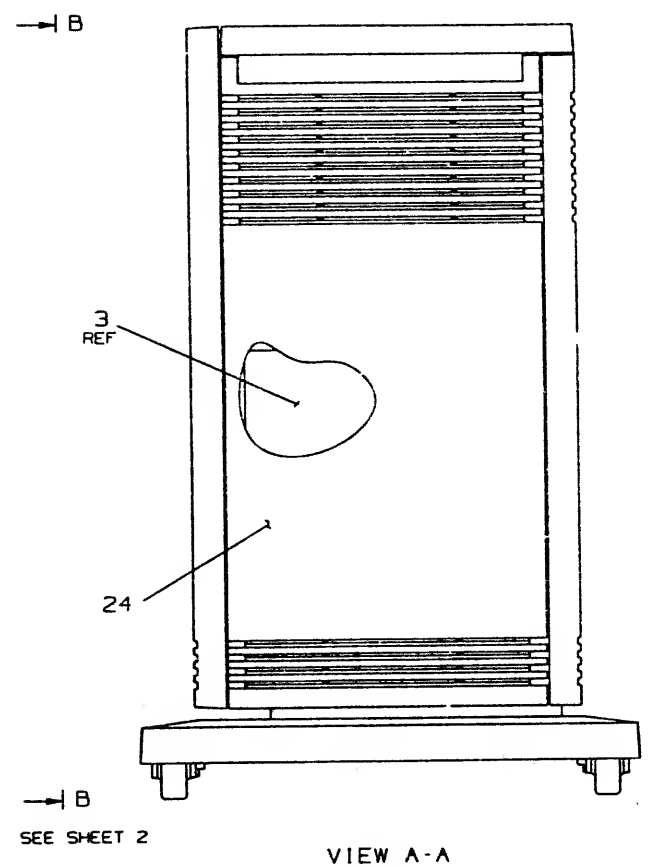
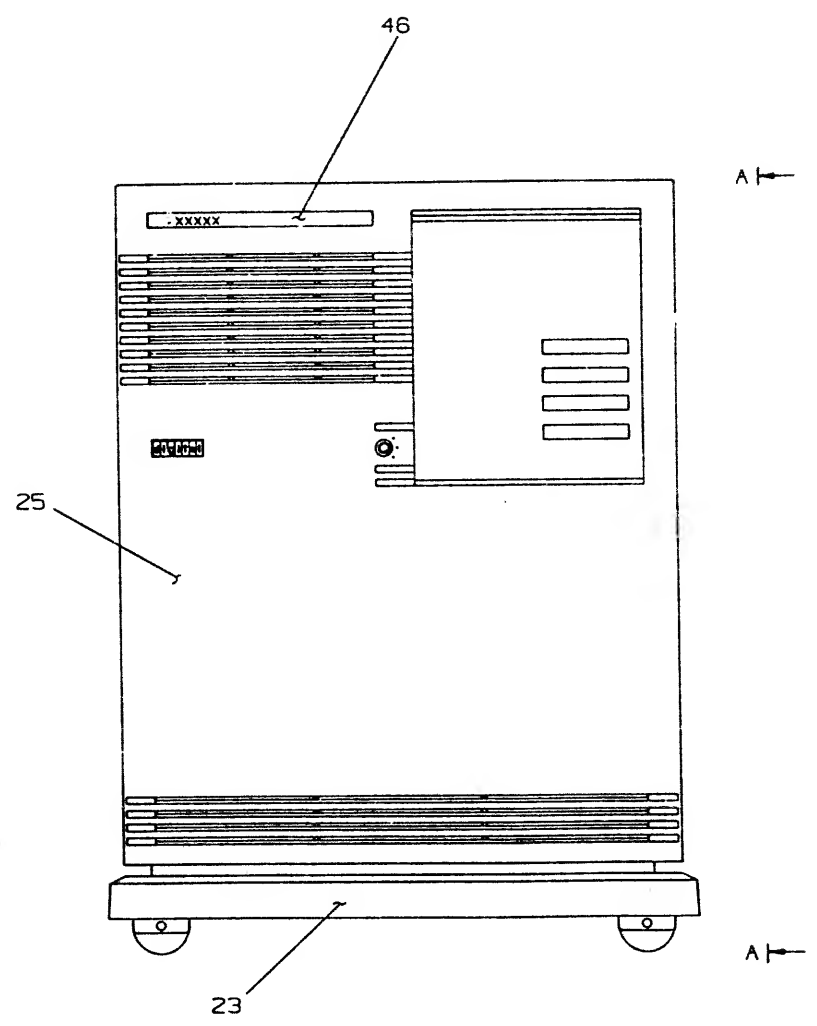
FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
					C-MD-7434062-0-DBU	CHANNEL (FRONT PANEL)	M
					C-MD-7434066-0-DBU	SPRING, CHANNEL	M
22	K-DD-5417016-0-0	43000 CONTROL SLU MODULE	E/M		C-MD-7434123-0-DBU	BRACKET, T	M
					C-MD-7434124-0-DBU	BRACKET, L OM	M
					D-MD-7434065-0-DBU	LATCH, SLIDE	M
					D-MD-7434063-0-DBU	TUMBLER	M
					D-MD-7434064-0-DBU	LATCH, PULL	M
23	K-PL-7024316-0-DBP	BIZ ACCESSORIES KIT (PL)	E/M		C-MD-7434363-0-DBU	STOP, DOOR POSITION	M
	A-PS-1700811-0-0	CABLE ASSY, 6 COND, OVAL	E/M		C-MD-7434426-0-DBU	LOGO, BA213	M
	A-PS-3627923-0-0	LABEL, S-BOX	M				
24	D-AD-7024046-0-DBU	BASE ASSEMBLY	M	27	B-DD-M7220-0-0	KAE50	E/M
	K-PL-7024046-0-DBP	BASE ASSEMBLY (PL)	M				
	E-1A-7433650-0-DBU	BASE, LOWER	M				
	K-PL-7433650-0-DBP	BASE, LOWER (PL)	M				
	B-MD-7434068-0-DBU	WHEEL, BASE	M	28	A-PA-3700906-0-0	PKG CPU BA223	M
	B-MD-7434069-0-DBU	SHAFT, WHEEL	M		K-PL-3700906-0-DBP	PKG CPU BA223 (PL)	M
	C-MD-7423357-0-DBU	KEY, BUTTON	M				
	C-MD-7434846-0-DBU	SUPPORT, LABEL	M				
				29	K-PL-BA213-W-DBP	BA213 WALLMOUNT KIT (PL)	M
25	E-AD-7024037-0-DBU	SHELL ENCLOSURE ASSY	M				
	K-PL-7024037-0-DBP	SHELL ENCLOSURE ASSY (PL)	M				
	E-MD-7433646-0-DBU	COVER, TOP	M				
	E-1A-7433694-0-DBU	PANEL, SIDE, LEFT	M	30	K-PL-7024263-0-DBP	BA213 MOUNTING HARDWARE (PL)	M
	K-PL-7433694-0-DBP	PANEL, SIDE, LEFT (PL)	M		D-MD-7434432-0-DBU	BRACKET, WALL MOUNT	M
	E-1A-7433647-0-DBU	PANEL, SIDE	M				
	K-PL-7433647-0-DBP	PANEL, SIDE (PL)	M				
	E-1A-7433651-0-DBU	PANEL, REAR	M				
	K-PL-7433651-0-DBP	PANEL, REAR (PL)	M				
	C-MD-7434126-0-DBU	BRACKET, CORNER	M	31	A-PA-3700954-0-0	PKG BRACKET, BA213 MOUNTING KIT	M
	C-MD-7434125-0-DBU	BRACKET, SIDE	M		K-PL-3700954-0-DBP	PKG BRACKET, BA213 MOUNTING KIT (PL)	M
	C-MD-7423357-0-DBU	KEY BUTTON	M				
	B-MD-7434424-0-DBU	SLEEVE	M				
				32	K-PL-BA213-R-DBP	BA213 RACKMOUNT KIT (PL)	M
26	E-AD-7024041-0-DBU	PANEL ASSY, FRONT	M				
	K-PL-7024041-0-DBP	PANEL ASSY, FRONT (PL)	M				
	E-MD-7433648-0-DBU	PANEL, FRONT	M	33	D-AD-7023981-0-DBU	BULKHEAD FRONT ASSY	M
	E-MD-7434067-0-DBU	BEZEL, SWITCH	M		K-PL-7023981-0-DBP	BULKHEAD FRONT ASSY (PL)	M
	E-MD-7434061-0-DBU	DOOR	M		E-MD-7433635-0-DBU	BULKHEAD FRONT	M
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: 6500S PEDESTAL BA213		SHEET 8 OF 9	SIZE CODE BDD NUMBER 6500S-0-DBU REV. D

DRB 108A

MLOJ

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LEGEND		
PART NO.	REV	VARIATION
6500S-A2	A1	NO SKINS, 120V
6500S-A3	A1	NO SKINS, 240V
6500S-B2	A1	SKINS, 120V
6500S-B3	A1	SKINS, 240V
6500S-C2	A1	NO SKINS, 120V, RACK MT
6500S-C3	A1	NO SKINS, 240V, RACK MT
6500S-D2	A1	NO SKINS, 120V, WALL MT
6500S-D3	A1	NO SKINS, 240V, WALL MT
6500S-E2	A1	NO SKINS, 120V
6500S-E3	A1	NO SKINS, 240V
6500S-F2	A1	SKINS, 120V
6500S-F3	A1	SKINS, 240V
6500S-H2	A1	NO SKINS, 120V, RACK MT
6500S-H3	A1	NO SKINS, 240V, RACK MT
6500S-J2	A1	NO SKINS, 120V, WALL MT
6500S-J3	A1	NO SKINS, 240V, WALL MT
6500S-K2	A1	6500S-A2 W/B MEG MEM 1588 1 120V
6500S-K3	A1	6500S-A3 W/B MEG MEM 1588 1 240V



VIEW A-A

PLOT AT .5000
FILE NAME: 6500S-0-DBUC
CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-6500S-0-D8P
(MLA1838)

REV	DATE	BY	CHKD	APPD
A	24-AUG-87	G. LIDINGTON		
B	24-AUG-87	G. LIDINGTON		
C	24-AUG-87	G. LIDINGTON		
D	24-AUG-87	G. LIDINGTON		
E	24-AUG-87	G. LIDINGTON		
F	24-AUG-87	G. LIDINGTON		
G	24-AUG-87	G. LIDINGTON		
H	24-AUG-87	G. LIDINGTON		
I	24-AUG-87	G. LIDINGTON		
J	24-AUG-87	G. LIDINGTON		
K	24-AUG-87	G. LIDINGTON		
L	24-AUG-87	G. LIDINGTON		
M	24-AUG-87	G. LIDINGTON		
N	24-AUG-87	G. LIDINGTON		
O	24-AUG-87	G. LIDINGTON		
P	24-AUG-87	G. LIDINGTON		
Q	24-AUG-87	G. LIDINGTON		
R	24-AUG-87	G. LIDINGTON		
S	24-AUG-87	G. LIDINGTON		
T	24-AUG-87	G. LIDINGTON		
U	24-AUG-87	G. LIDINGTON		
V	24-AUG-87	G. LIDINGTON		
W	24-AUG-87	G. LIDINGTON		
X	24-AUG-87	G. LIDINGTON		
Y	24-AUG-87	G. LIDINGTON		
Z	24-AUG-87	G. LIDINGTON		

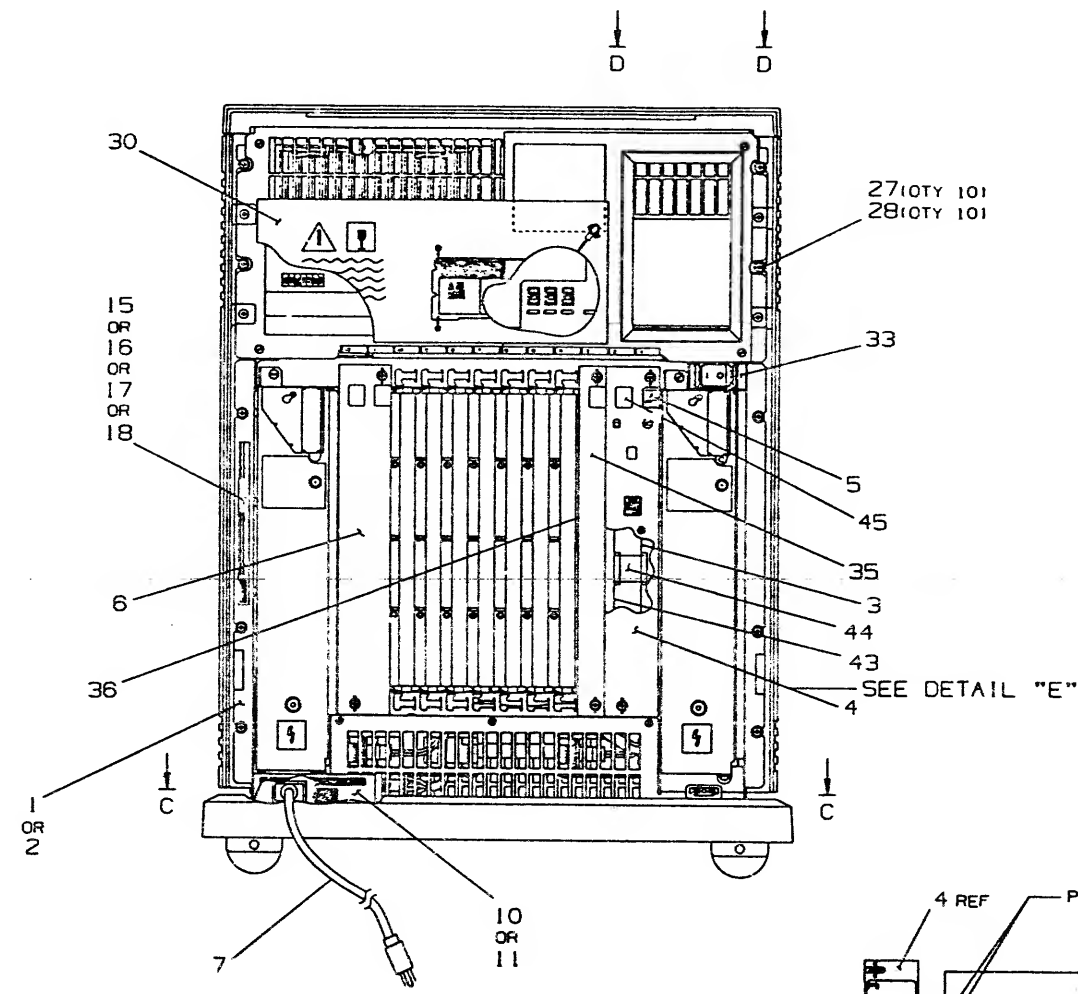
DESCRIPTION	DRAWING NO.	PART NO.	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD-HMT)			
INCHES	FRACTIONS	DECIMALS	MILLIMETERS
1/16	1/32	0.001	0.001
1/8	1/16	0.002	0.002
3/16	3/32	0.003	0.003
1/2	1/8	0.004	0.004
3/4	3/16	0.005	0.005
1	1/4	0.006	0.006
1 1/2	3/8	0.008	0.008
2	1/2	0.010	0.010
3	3/4	0.012	0.012
4	1	0.015	0.015
6	1 1/2	0.020	0.020
8	2	0.025	0.025
12	3	0.030	0.030
18	4 1/2	0.040	0.040
24	6	0.050	0.050
36	9	0.075	0.075
48	12	0.100	0.100
60	15	0.125	0.125
72	18	0.150	0.150
96	24	0.200	0.200
120	30	0.250	0.250
144	36	0.300	0.300
180	45	0.375	0.375
216	54	0.450	0.450
240	60	0.500	0.500
300	75	0.625	0.625
360	90	0.750	0.750
420	108	0.875	0.875
480	120	1.000	1.000
540	135	1.125	1.125
600	150	1.250	1.250
720	180	1.500	1.500
840	216	1.750	1.750
960	240	2.000	2.000
1080	270	2.250	2.250
1200	300	2.500	2.500
1440	360	3.000	3.000
1680	420	3.500	3.500
1920	480	4.000	4.000
2160	540	4.500	4.500
2400	600	5.000	5.000
2700	675	5.625	5.625
3000	750	6.250	6.250
3600	900	7.500	7.500
4200	1080	8.750	8.750
4800	1200	10.000	10.000
5400	1350	11.250	11.250
6000	1500	12.500	12.500
7200	1800	15.000	15.000
8400	2160	17.500	17.500
9600	2400	20.000	20.000
10800	2700	22.500	22.500
12000	3000	25.000	25.000
14400	3600	30.000	30.000
16800	4200	35.000	35.000
19200	4800	40.000	40.000
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30000	7500	62.500	62.500
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54000	13500	112.500	112.500
60000	15000	125.000	125.000
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84000	21600	175.000	175.000
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108000	27000	225.000	225.000
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144000	36000	300.000	300.000
168000	42000	350.000	350.000
192000	48000	400.000	400.000
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240000	60000	500.000	500.000
270000	67500	562.500	562.500
300000	75000	625.000	625.000
360000	90000	750.000	750.000
420000	108000	875.000	875.000
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720000	180000	1500.000	1500.000
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8400000000	2160000000	17500000.000	17500000.000
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480000000000	120000000000	1000000000.000	1000000000.000
540000000000	135000000000	1125000000.000	1125000000.000

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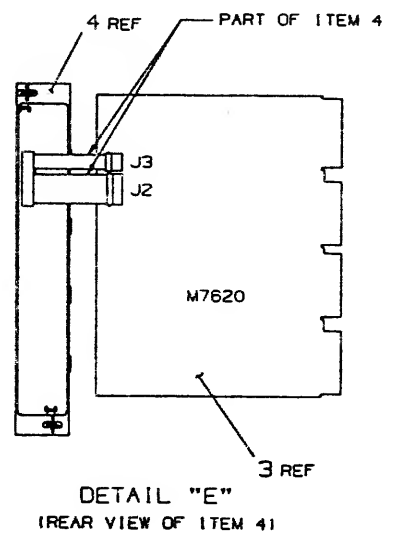
65005-0-0005

NOTES:

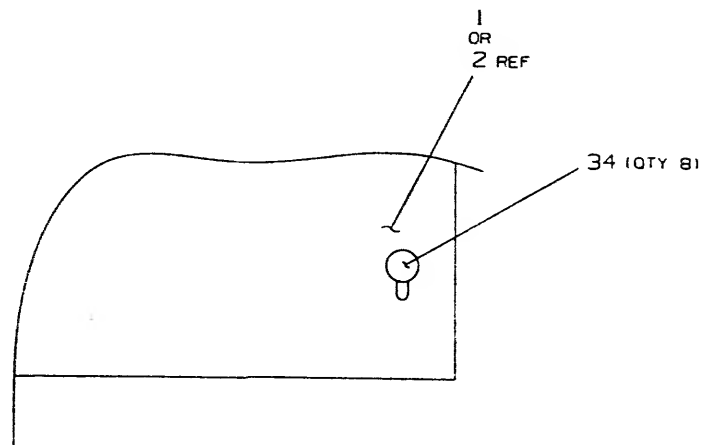
1. ITEMS 12,15,16,17,18 ARE FOR MFG USE ONLY.



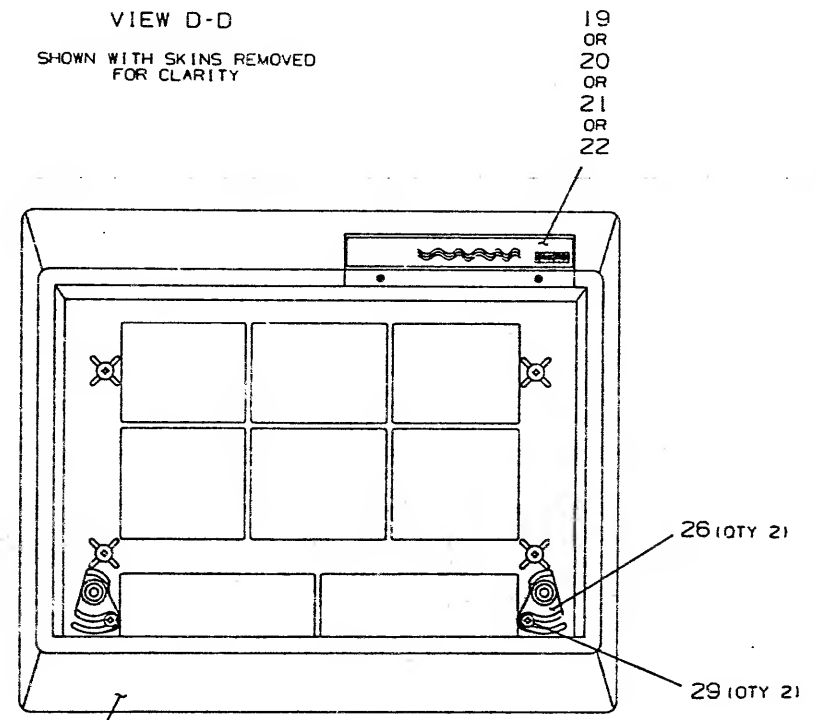
VIEW B-B
SHOWN WITH FRONT PANEL
(ITEM 25) REMOVED



DETAIL "E"
(REAR VIEW OF ITEM 4)



VIEW D-D
SHOWN WITH SKINS REMOVED
FOR CLARITY



VIEW C-C
SHOWING ONLY BASE ASSY (ITEM 23)
AND RELATED ITEMS

REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE
65005 PEDESTAL
BA213

DOCUMENT NUMBER	
65005-0-0005	
SCALE 1/2"=1'-0"	2 OF 2

ML01

P A R T S L I S T

SHEET A1 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						A2	A3	B2	B3	C2	C3	D2	D3	E2	E3
						A1	A1	A1	A1	A1	A1	A1	A1	A1	A1
1		E-AD-7024227-0-DBU	70-24227-03		BA213 BOX, 2 PS-120V, 12 SLOT BIZ	1	-	1	-	1	-	1	-	1	-
2		E-AD-7024227-0-DBU	70-24227-04		BA213 BOX, 2 PS-240V, 12 SLOT BIZ	-	1	-	1	-	1	-	1	-	1
3		B-DB-N7620-0-0	N7620-AA		CVAX 901E CPU MOD, 2 LEVEL 64KB CAL	1	1	-	1	-	1	-	1	-	1
4		D-UA-7023988-0-DBU	70-23988-01		H3600 BULKHEAD MODULE ASSY	1	1	1	1	1	1	1	1	1	1
5		A-PS-3616883-0-0	36-26883-44		LABEL, MODULE NUMBER N7620-AA	1	1	1	1	1	1	1	1	1	1
6		D-AD-7023982-0-DBU	70-23982-02		BULKHEAD FRONT PANEL ASSY	1	1	1	1	1	1	1	1	1	1
7		SEE NOTE 1	17-00083-43		PWR CORD, TERM 16-36 FT 120V	1	-	1	-	1	-	1	-	1	-
8		K-PL-7024316-0-DBP	70-24316-01		BIZ ACCESSORIES KIT FOR 0 SKINS	1	-	-	-	1	-	1	-	1	-
9		K-PL-7024316-0-DBP	70-24316-02		BIZ ACCESSORIES	-	-	1	-	-	-	-	-	-	-
10		A-PS-3617905-0-0	36-17905-16		LABEL, WARNING EQUIP. RATING, 100-12	1	-	1	-	1	-	1	-	1	-
11		A-PS-3617905-0-0	36-17905-17		LABEL, WARNING EQUIP. RATING, 220-24	-	1	-	1	-	1	-	1	-	1
12		A-PS-3618460-0-0	36-18460-06		LABEL, BAR CODE BLANK 50 X 4.0	4	4	4	4	4	4	4	4	4	4
13		A-PA-3700906-0-0	37-00906-02		PKG CPU BA223 (PAL)	-	-	1	1	-	-	-	-	-	-
14		A-PA-3700906-0-0	37-00906-04		PALLETIZED	1	1	-	-	1	1	1	1	1	1
15		SEE NOTE 2	36-27329-01		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	A/R	-	A/R	-
16		SEE NOTE 3	36-27329-02		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	A/R	-	A/R	-
17		SEE NOTE 2	36-27329-03		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	A/R	-	A/R
18		SEE NOTE 3	36-27329-04		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	A/R	-	A/R
19		SEE NOTE 2	36-27338-01		LABEL, PEDESTAL 11/83 UDA, 100V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
20		SEE NOTE 3	36-27338-04		LABEL, PEDESTAL 11/83 UDA, 100V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
21		SEE NOTE 2	36-27338-02		LABEL, PEDESTAL 6500S UDA, 200V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
22		SEE NOTE 3	36-27338-03		LABEL, PEDESTAL 6500S UDA, 200V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
23		D-AD-7024046-0-DBU	70-24046-01		BASE ASSY	-	-	-	A/R	-	A/R	-	A/R	-	A/R
24		E-AD-7024037-0-DBU	70-24037-01		SHELL ENCLOSURE ASSY	-	-	1	1	-	-	-	-	-	-
25		E-AD-7024041-0-DBU	70-24041-01		PANEL ASSY, FRONT	-	-	1	1	-	-	-	-	-	-
26		D-MD-7433854-0-DBU	74-33854-01		FASTENER, TURN	-	-	1	1	-	-	-	-	-	-
27			90-06661-00		WASHER, FLAT SST	-	-	2	2	-	-	-	-	-	-
28			90-09800-08		SCREW, THD RL, PAN PHIL F/PLAS	-	-	10	10	-	-	-	-	-	-
29			90-09282-00		SCREW, SEMS PAN PHIL 10-32	-	-	10	10	-	-	-	-	-	-
30		A-PS-3627924-0-0	36-27924-01		LABEL, CAUTION S-BOX SHIPPING	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY			KPL MATRIX FORMAT: SECTION A OF B			DRN: JEFF CORNIER		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 14-JAN-87		
---	INITIAL	A	(A)	A2, A3, B2, B3, C2, C3, D2, D3, E2, E3		CHK'D: D. HEALY		
GL	6500S-CT5001	B	(B)	F2, F3, H2, H3, J2, J3, K2, K3		DATE: 18-SEP-87		
RE	6500S-CT5002	C	(C)			DES. ENG: G. LIDINGTON		
			(D)			DATE: 18-SEP-87		
			(E)			RESP. ENG: G. LIDINGTON		
			(F)			DATE: 18-SEP-87		
			(H)			MFG. ENG: M. MAI		
			(J)			DATE: 18-SEP-87		
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:		
			6500S		E-UA-6500S-0-DBU	B-DB-6500S-0-DBU		
			FILE NAME: MLA1838C.PLS			RELEASE DATE: 01-JUN-88		
						RELEASE STATUS: RELEASED		
						EDIT #		
						3		

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P A R T S L I S T

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1	D2 A1	D3 A1	E2 A1	E3 A1
31	31	K-PL-BA213-R-DEP	BA213-RA		BA213 LARGE S-BOX BACKMOUNT KIT	-	-	-	-	1	1	-	-	-	-
32	32	K-PL-BA213-W-DEP	BA213-WA		BA213 LARGE S-BOX WALL MOUNT KIT	-	-	-	-	-	-	1	1	-	-
33	33	C-MD-7435417-0-DEU	74-35417-01		FRAME, SWITCH	-	-	-	1	-	-	-	-	-	-
34	34		90-07064-00		PLUG, BUTTON 0.375HOLE 1010 STEEL	8	8	-	-	8	8	8	8	8	8
35	35	D-AD-7023981-0-DEU	70-23981-01		BULKHEAD FRONT ASSY	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
36	36	C-AD-7024071-0-DEU	70-24071-01		PANEL, GAP FILLER ASSY	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
37	37	B-DD-M7620-0-0	M7620-BA		M7620-AA W/MOD ROM CODE FOR SINGLE	-	-	-	-	-	-	-	-	1	1
38	38	A-PS-3626883-0-0	36-26883-86		LABEL, MODULE NUMBER M7620-BA	-	-	-	-	-	-	-	-	1	1
39	39	A-PS-3627354-0-0	36-27354-12		LABEL, LOGO/MODEL, 6500S MICROVAX 35	-	-	-	-	1	1	1	1	-	-
40	40	A-PS-3627354-0-0	36-27354-14		LABEL, LOGO/MODEL, 6500S VAXSERVER 3	-	-	-	-	-	-	-	-	-	-
41	41	K-PL-7024316-0-DEP	70-24316-03		BIZ ACCESSORY KIT (W/O SHINE) 240V	-	1	-	-	-	1	-	1	-	-
42	42	K-PL-7024316-0-DEP	70-24316-04		BIZ ACCESSORY KIT (W/O SHINE) 240V	-	-	-	1	-	-	-	-	-	1
43	43	B-DD-NS650-AA	NS650-AA		8MB RAM MEMORY ARRAY FOR KA650 1M7	-	-	-	-	-	-	-	-	-	-
44	44	A-PS-1701898-0-0	17-01898-01		CABLE ASSY, 50 COND, FLAT, 50+2+25 IRE	-	-	-	-	-	-	-	-	-	-
45	45	A-PS-3626883-0-0	36-26883-42		LABEL, MODULE NUMBER M7621-A,	-	-	-	-	-	-	-	-	-	-
46	46	C-MD-7434425-0-DEU	74-34425-07		NAMERPLATE, MICROVAX 3500	-	-	-	-	-	-	-	-	-	-
47	47	B-DD-6500S-0-DEU	6500S-B2		KA650-AA, BA213, BA213-PA SHINE, 120V	-	-	-	-	-	-	-	-	-	-
48	48	B-DD-6500S-0-DEU	6500S-B3		KA650-AA, BA213, BA213-PA SHINE, 240V	-	-	-	-	-	-	-	-	-	-

- 1 GEN: 1. PLACE INSIDE ACCESSORY KIT (ITEM 8 OR 9) AT PACKAGING.
2 GEN: 2. USE THIS LABEL WHEN MFG IN USA.
3 GEN: 3. USE THIS LABEL WHEN MFG IN UK.

D	I	G	I	T	A	L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							6500S PEDESTAL BA213		K	PL	6500S-0-DEP	C

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION							
						F2 A1	F3 A1	H2 A1	H3 A1	J2 A1	J3 A1	K2 A1	K3 A1
1	1	E-AD-7024227-0-DBU	70-24227-03		BA213 BOX, 2 PS-120V, 12 SLOT BIZ	1	-	1	-	1	-	-	-
2	2	E-AD-7024227-0-DBU	70-24227-04		BA213 BOX, 2 PS-240V, 12 SLOT BIZ	-	1	-	1	-	1	-	-
3	3	E-DD-M7620-0-0	M7620-AA		CVAX 9000 CPU MOD, 2 LEVEL 64KB CAC	-	-	-	-	-	-	-	-
4	4	D-UA-7023988-0-DBU	70-23988-01		H3600 BULKHEAD MODULE ASSY	1	1	1	1	1	1	-	-
5	5	A-PS-3626883-0-0	36-26883-44		LABEL, MODULE NUMBER M7620-AA	-	-	-	-	-	-	-	-
6	6	D-AD-7023988-0-DBU	70-23988-02		BULKHEAD FRONT DUAL ASSY	1	1	1	1	1	1	-	-
7	7	SEE NOTE 1	17-00083-43		PWR CORD, TERM. 16-35 FT. 120V	1	-	1	-	1	-	-	-
8	8	K-PL-7024316-0-DBP	70-24316-01		812 ACCESSORIES KIT (W/O SKINS)	-	-	1	-	1	-	-	-
9	9	K-PL-7024316-0-DBP	70-24316-02		812 ACCESSORIES	1	-	-	-	-	-	-	-
10	10	A-PS-3617905-0-0	36-17905-16		LABEL, WARNING EQUIP. RATING, 100-12	1	-	1	-	1	-	-	-
11	11	A-PS-3617905-0-0	36-17905-17		LABEL, WARNING EQUIP. RATING, 220-24	-	1	-	1	-	1	-	-
12	12	A-PS-3618460-0-0	36-18460-06		LABEL, BAR CODE BLANK .50 X4.0	4	4	4	4	4	4	-	-
13	13	A-PA-3700906-0-0	37-00906-02		PKG CPU BA223 (PAL)	1	1	-	-	-	-	-	-
14	14	A-PA-3700906-0-0	37-00906-04		PALLETIZED	-	-	1	1	1	1	-	-
15	15	SEE NOTE 2	36-27329-01		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	-	-
16	16	SEE NOTE 3	36-27329-02		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	-	-
17	17	SEE NOTE 2	36-27329-03		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	-
18	18	SEE NOTE 3	36-27329-04		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	-
19	19	SEE NOTE 2	36-27838-01		LABEL, PEDESTAL 11/53 USA, 100V	A/R	-	A/R	-	A/R	-	-	-
20	20	SEE NOTE 3	36-27838-04		LABEL, PEDESTAL 11/53 UK, 100V	A/R	-	A/R	-	A/R	-	-	-
21	21	SEE NOTE 2	36-27838-02		LABEL, PEDESTAL 6500S USA, 220V	-	A/R	-	A/R	-	A/R	-	-
22	22	SEE NOTE 3	36-27838-03		LABEL, PEDESTAL 6500S UK, 220V	-	A/R	-	A/R	-	A/R	-	-
23	23	D-AD-7024046-0-DBU	70-24046-01		BASE ASSY	1	1	-	-	-	-	-	-
24	24	E-AD-7024037-0-DBU	70-24037-01		SHELL ENCLOSURE ASSY	1	1	-	-	-	-	-	-
25	25	E-AD-7024041-0-DBU	70-24041-01		PANEL ASSY, FRONT	1	1	-	-	-	-	-	-
26	26	D-MD-7433854-0-DBU	74-33854-01		FASTENER, TURN	2	2	-	-	-	-	-	-
27	27		90-06661-00		WASHER, FLAT SST	10	10	-	-	-	-	-	-
28	28		90-09800-08		SCREW, THD RL, PAN PHIL F/PLAS	10	10	-	-	-	-	-	-
29	29		90-09282-00		SCREW, SEMS PAN PHIL 10-32	2	2	-	-	-	-	-	-
30	30	A-PS-3627924-0-0	36-27924-01		LABEL, CAUTION S-BOX SHIPPING	1	1	1	1	1	1	-	-

REVISION HISTORY			KPL MATRIX FORMAT			SECTION B OF B1DRN: JEFF CORMIER			D I G I T A L					
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 14-JAN-87								
---	INITIAL	A	[A]	A2,A3,B2,B3,C2,C3,D2,D3,E2,E3			CHK'D: D. HEALY			TITLE PARTS LIST				
GL	6500S-CTS001	B	[B]	F2,F3,H2,H3,J2,J3,K2,K3			DATE: 18-SEP-87			6500S PEDESTAL				
RB	6500S-CTS002	C	[C]				DES.ENG: G. LIDINGTON			BA213				
			[D]				DATE: 18-SEP-87			DOCUMENT NUMBER				
			[E]							SIZE	CODE	NUMBER	REV	
			[F]				RESP.ENG.: G. LIDINGTON			K	PL	6500S-0-DBP	C	
			[H]				DATE: 18-SEP-87							
			[J]				MFG.ENG: M. MAI			RELEASE DATE: 01-JUN-88				
							DATE: 18-SEP-87			RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:					EDIT #
			6500S			E-UA-6500S-0-DBU			E-DD-6500S-0-DBU					3
			FILE NAME: MLA1838C.PLS											

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P A R T S L I S T

SHEET B2 OF B2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION							
						F2 A1	F3 A1	H2 A1	H3 A1	J2 A1	J3 A1	K2 A1	K3 A1
30	31	K-PL-EA213-R-DBP	EA213-RA		EA213 LARGE 3-BOX BACK MOUNT KIT	-	-	1	-	-	-	-	-
31	32	K-PL-EA213-W-DBP	EA213-WA		EA213 LARGE 3-BOX WALL MOUNT KIT	-	-	-	-	-	-	-	-
33	33	C-MD-7435417-0-DBU	74-35417-01		FRAME, SWITCH	1	1	-	-	1	1	-	-
34	34		90-07064-00		PLUG, BUTTON 0.175 HOLE 1116 STEEL	-	-	8	8	8	8	-	-
35	35	D-AD-7023911-0-DBU	70-23991-01		BULKHEAD FRONT ASSY	A/R	A/R	A/R	A/R	A/R	A/R	-	-
36	36	C-AD-7024071-0-DBU	70-24071-01		PANEL, GAP FILLER ASSY	A/R	A/R	A/R	A/R	A/R	A/R	-	-
37	37	B-DD-M7620-0-0	M7620-BA		M7620-AA W/MOD PIN 1028 FOR SINGLE	1	1	1	1	1	1	-	-
38	38	A-PS-3626883-0-0	36-26883-36		LABEL, MODULE NUMBER M7621-BA	1	1	1	1	1	1	-	-
39	39	A-PS-3627354-0-0	36-27354-12		LABEL, LOGO MODEL 6500S MICROVAX 36	-	-	-	-	-	-	-	-
40	40	A-PS-3627354-0-0	36-27354-14		LABEL, LOGO MODEL 6500S MICROVAX 36	-	-	-	-	-	-	-	-
41	41	K-PL-7024316-0-DBP	70-24316-03		BIC ACCESSORY KIT W/ C EX113 240V	-	-	-	1	-	1	-	-
42	42	K-PL-7024316-0-DBP	70-24316-04		BIC ACCESSORY KIT W/ C EX113 240V	-	1	-	-	-	-	-	-
43	43	B-DD-M3650-AA	M3650-AA		8MB RAM MEMORY ARRAY FOR KA650 UNIT	-	-	-	-	-	-	1	1
44	44	A-PS-1701898-0-0	17-01898-01		CABLE ASSY, 50 COND, FLAT, 50 2x25-RE	-	-	-	-	-	-	1	1
45	45	A-PS-3626883-0-0	36-26883-42		LABEL, MODULE NUMBER M7621-A,	-	-	-	-	-	-	1	1
46	46	C-MD-7434425-0-DBU	74-34425-07		NAMEPLATE, MICROVAX 3600	-	-	-	-	-	-	1	1
47	47	B-DD-6500S-0-DBU	6500S-B2		KA650-AA, EA213, BA213-AA 3x113, 120V	-	-	-	-	-	-	1	-
48	48	B-DD-6500S-0-DBU	6500S-B3		KA650-AA, EA213, BA213-AA 3x113, 240V	-	-	-	-	-	-	1	-

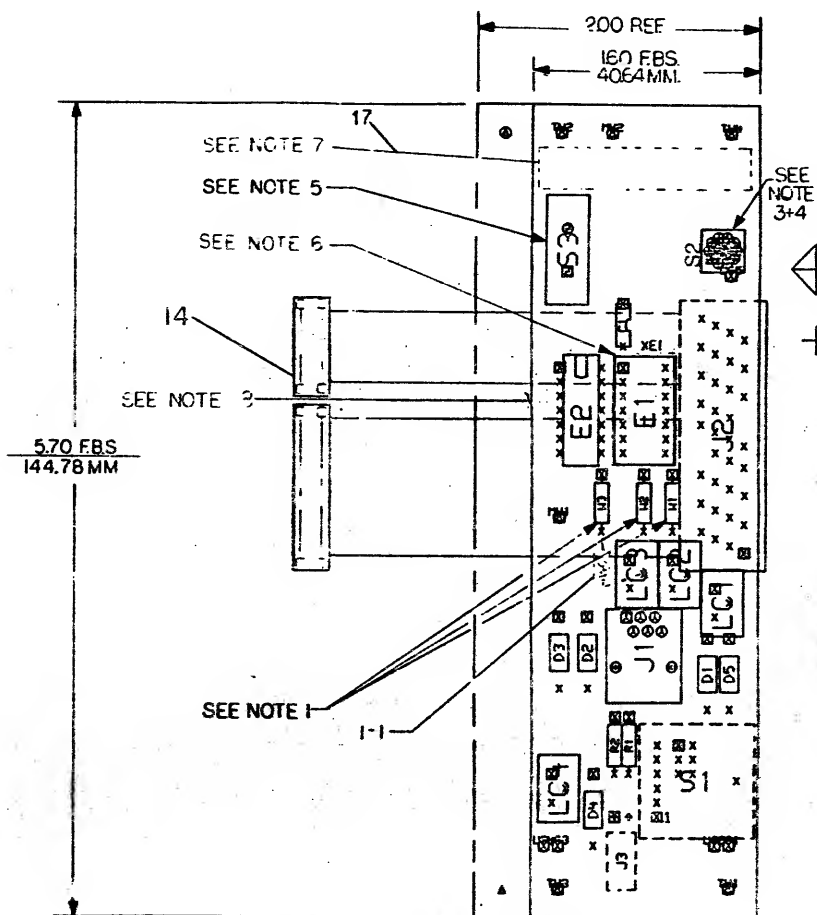
- 1 GEN: 1. PLACE INSIDE ACCESSORY KIT (ITEM 8 OR 9) AT PACKAGING.
 2 GEN: 2. USE THIS LABEL WHEN MFG IN USA.
 3 GEN: 3. USE THIS LABEL WHEN MFG IN UK.

D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							6500S PEDESTAL BA213		K	PL	6500S-0-DBP	C

DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS
		5417016-01	H3600 CONSOLE-SLU MODULE	A1 B1 B2
D-UA-5417016-0-0	2		H3600 CONSOLE-SLU MODULE	A B C
K-PL-5417016C-0-DBP	1		H3600 CONSOLE-SLU MODULE	A B C
K-CS-5417016-0-DBX	-		H3600 SCHEMATIC DATA BASE	A B B
K-PC-5417016-0-DBJ	-		H3600 P.C. DESIGN DATA BASE	E E E
		5017015-01	ETCHED CIRCUIT BOARD	E1 E1 E1
K-DD-5017015-0-0	1		DRAWING DIRECTORY	A A A
NOTES:			R E V	
			A B C	
			R E V	
			R E V	
			R E V	
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LEGEND	
PART NUMBER	REVISION
54-17016-01	B2



NOTES:

1. M1, M2 ARE NOT INSTALLED.
2. J1, J2 AND S1 ARE MOUNTED ON SIDE 2.
3. POSITION TERMINAL 2 TOWARDS ETCH MARKING "2".
4. ENSURE THAT SWITCH IS CIRCUMFERENTIALLY VERTICAL TO BOARD WHEN SOLDERING.
5. POSITION SWITCH MARKING "0" TOWARDS TM2.
STEP 6 → Y AXIS STEP TIMES
REPEAT → X AXIS STEP TIMES

CHANGE NO	REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
2	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
3	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
4	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
5	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
6	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
7	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
8	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
9	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
10	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
11	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
12	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
13	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
14	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
15	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
16	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
17	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
18	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
19	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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25	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
26	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
27	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
28	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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30	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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48	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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58	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
59	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
60	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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63	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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74	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
75	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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78	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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81	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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83	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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85	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
86	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
87	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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93	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
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96	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
97	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
98	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
99	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS
100	1	10/1/86	W. B. BROWN	W. B. BROWN	W. B. BROWN	INITIALS

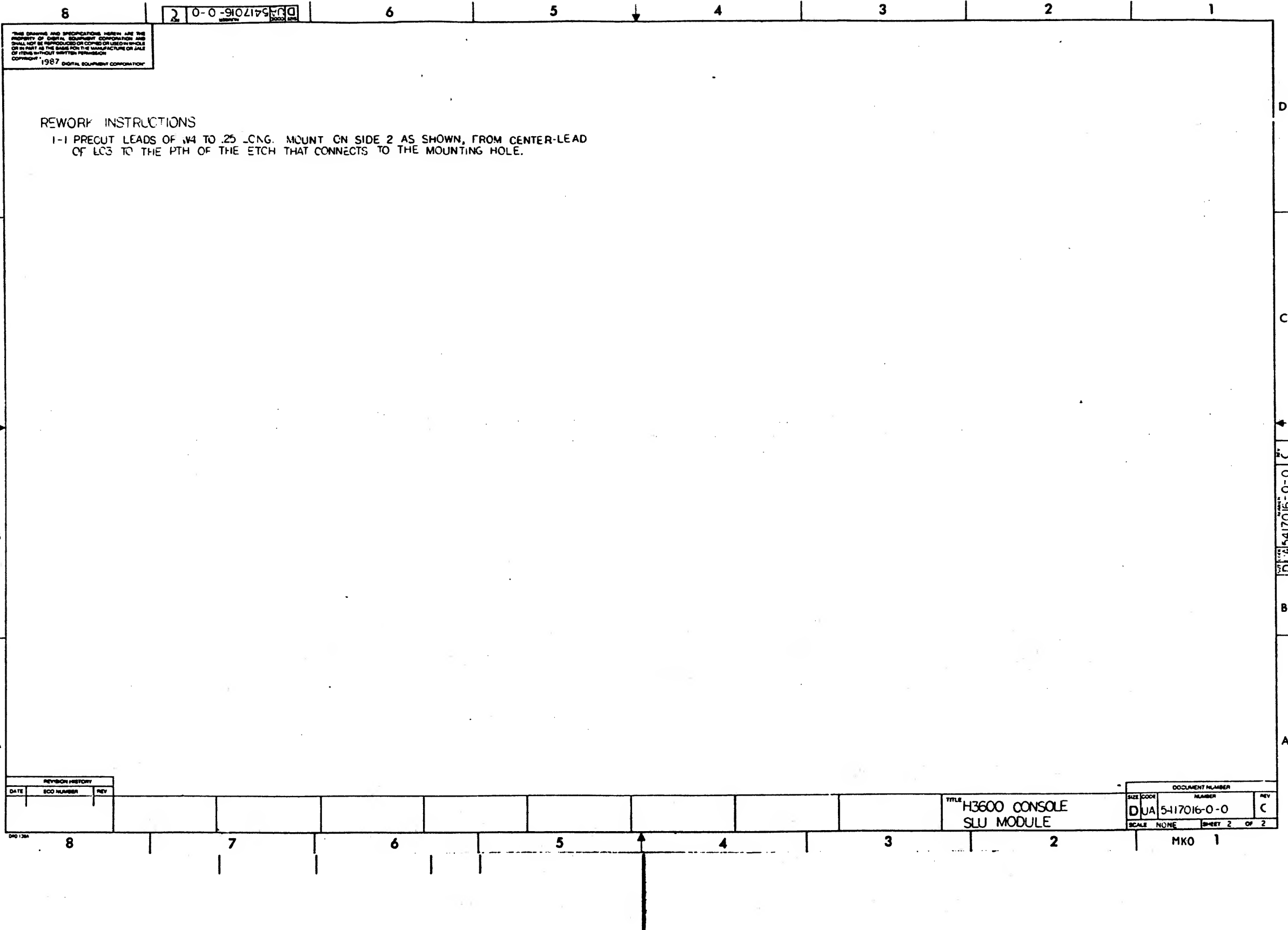
NOTES CONT:

6. DOUBLE-NOTCHED END OF E1 IS TOWARDS C1.
7. LABEL TO BE PRINTED WITH ASSEMBLY PART NUMBER AND REVISION; AFFIX TO SIDE 2 IN AREA SHOWN.
8. ALL COMPONENT LEADS DIRECTLY UNDER THE CABLE (ITEM 14) MUST BE BENT OVER FLUSH TO CIRCUIT BOARD BEFORE SOLDERING.

ETCH REV.	E1
DATE	10/1/86
BY	W. B. BROWN
CHKD	W. B. BROWN
APPD	W. B. BROWN
SCALE	2/1
SHT.	1 OF 2
NEXT HIGH-RES. REV.	K-54-17016-0-0

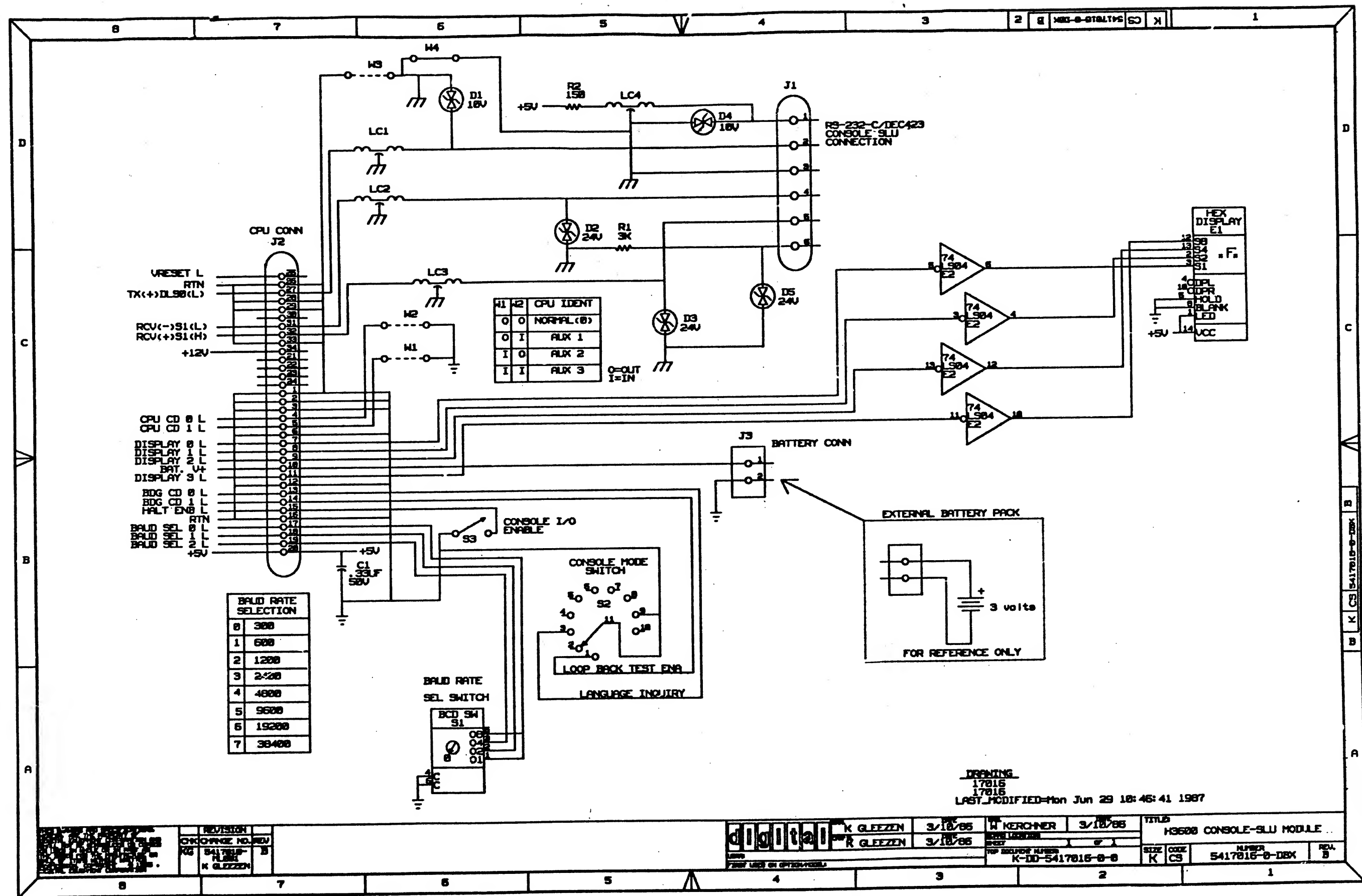
SIGNATURES	DATE	TITLE
DRN. B. CORNIER	10/1/86	H3600
CHK. D. L. MAYWOOD	10/1/86	CONSOLE SLU MODULE
RECH. ENG. W. B. BROWN	10/1/86	
PROJ. ENG. W. B. BROWN	10/1/86	
PROD. 7. 2/1 (W. B. BROWN)	10/1/86	
SCALE 2/1	SIZE CODE	NUMBER
SHT. 1 OF 2	D UA	54-17016-0-0
NEXT HIGH-RES. REV. K-54-17016-0-0		

MKO 1 #2341



LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 B2	PER VAR/REV	REFERENCE DESIGNATORS
1	1	D-MD-5017015-0-0	50-17015-01		CIRCUIT DRILL AND ETCH	1		
2	2		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	1		C1
3	3		11-26762-01		TRANS SUPP,BIPOLAR 500W VR=24V	3		D2,D3,D5
4	4		11-27181-01		TRANS SUPP BIPOLAR VR=1	2		D1,D4
5	5		12-16565-04		SKT,IC 14POS ELEV	1		XE1
6	6		12-19196-03		PCB HEADER 02POS(1X02).100CC 90D	1		J3
7	7		12-23338-02		SW,THBWL 1P08POS 125MA28VDC	1		S1
8	8		12-23433-01		CONN,LAN JACK 06 POS	1		J1
9	9		12-25861-01		SW,ROT 1P03POS 30VDC/200MA	1		S2
10	10		12-25863-04		SW,SLIDE SPST MAINTAINED 1A	1		S3
11	11		12-26320-01		FILTER,EMI	4		LC1-LC4
12	12		13-00250-00		150.0 .25 W 5.0 % CF	1		R2
13	13		13-00432-00		3.0 K .25 W 5.0 % CF	1		R1
14	14		17-01357-01		CABLE ASSY,30COND,FLAT,28AWG DIP	1		J2
15	15		19-12803-00		LS04 INVERTER GATE,HEX	1		E2
16	16		19-16921-00		HEXADECIMAL DISPLAY W/DECODER	1		E1
17	17		36-23593-01		LABEL,BLANK,PAPER,PIN FEED	1		
18	18		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	1		W4

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: B. DITOMMASO		DIGITAL				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 11-SEP-86				TITLE PARTS LIST				
--	INITIAL	A	[A]	Q1	[M]	CHK'D: D. DROZD				H3600 CONSOLE-SLU MODULE			
WK	5417016-ML001	B	[B]		[N]	DATE: 11-SEP-86							
RM	5417016-MK002	C	[C]		[P]	DES.ENG: W. KERCHNER							
			[D]		[Q]	DATE: 11-SEP-86				DOCUMENT NUMBER			
			[E]		[R]					SIZE	CODE	NUMBER	REV
			[F]		[S]	RESP.ENG.: W. KERCHNER				K	PL	5417016-0-DBP	C
			[H]		[T]	DATE: 11-SEP-86				RELEASE DATE: 14-SEP-88			
			[J]		[V]					RELEASE STATUS: RELEASED			
			[K]		[W]	MFG.ENG: F. CULLEN							
			[L]		[Y]	DATE: 26-SEP-86							
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #				
			5417016		D-UA-5417016-0-0		K-DD-5417016-0-0		2				
			FILE NAME: 5417016C.PLS										
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digital

K GLEZEN 3/18/85
R GLEZEN 3/18/85

M KERCHNER 3/18/85
K-10-5417816-8-8

TITLE
H3600 CONSOLE-SLU MODULE

SIZE K CODE CS NUMBER 5417816-8-DBX REV B

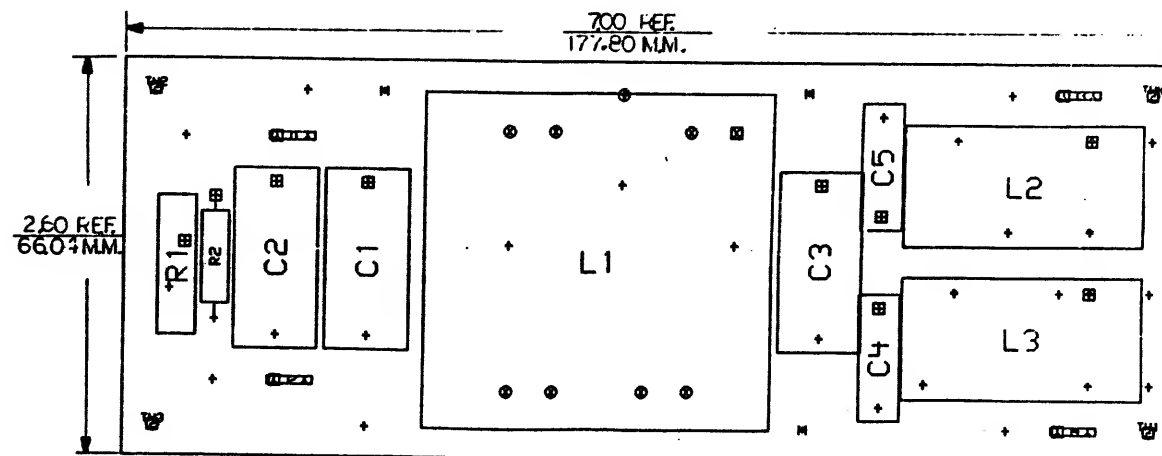
DRAWING NO.	INO. SHTS	PART NO.	DESCRIPTION	REVISIONS
D-UA-5417079-0-0	1	5417079-01	EMI FILTER BOARD	A1
B-CS-5417079-0-1	1		EMI UNIT ASSEMBLY	A
K-PL-5417079-0-DBP	1		EMI CIRCUIT SCHEMATIC	A
K-PC-5417079-0-DBJ	1		EMI PARTS LIST	A
K-CS-5417079-0-DBX	1		EMI P.C. DESIGN DATABASE	C
		5017078-01	EMI SCHEMATIC DATABASE	A
K-DD-5017078-0-0	1		ETCHED CIRCUIT BOARD	C1
			E.C.B. DRAWING DIRECTORY	A
NOTES:				
R E V I S I O N S				
D I S C I N				
S T I T				
I O N				
O R I O				
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T 18				
E 16				
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DRN: BLAISE DITOMMASO				
DATE: 05SEPT86				
d i g i t a l				
CHK'D: JIM CUNNINGHAM				
DATE: 05SEPT86				
TITLE				
EMI FILTER BOARD				
DES.ENG.: JOHN ARDUINO				
DATE: 05SEPT86				
SHEET 1 OF 1				
EDIT: 1				
RESP.ENG.: JOHN ARDUINO				
DATE: 05SEPT86				
DOCUMENT NUMBER				
DD FILENAME: 5417079A.DOF				
MFG.ENG.: LEV BROWN				
DATE: 05SEPT86				
SIZE CODE NUMBER REV				
K DD 5417079-0-0 A				

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NOTES: THIS IS A HPWR BOARD

STEP	E	Y AXIS	STEP	TIMES
REP	ERT	X AXIS	STEP	TIMES

CHANGE NO. REV.



ETCH REV.	C1
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SIGNATURES		DATE	digital	
DRN.	L. HAYWOOD	5-12-88	TITLE EMI FILTER BOARD	
CHK'D.	J. CUNNINGHAM	5-12-88		
MECH. ENG.	5-12-88	5-12-88	SIZE CODE NUMBER	
PROJ. ENG.	5-12-88	5-12-88		
PROD.	5-12-88	5-12-88	D UA 5417079-0-0	
SCALE	2/1			
SHT.	1 OF 1		REV	
NEXT HIGHER ASSY. B-DD-5417079-0-0				

1 MS# 2700

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01	
						A1	
1	1	D-MD-5017078-01-0	50-17078-01		CIRCUIT DRILL & ETCH	1	
2	2		10-24317-02		0.47 MFD 250VAC +/-20% LIN	3	C1-C3
3	3		10-24375-01		2200 PFD 250VAC +/-20% LIN	2	C4,C5
4	4		12-20563-01		TER,TAB .250TAB PC MNT	4	J1-J4
5	5		13-19470-92		470.0 K 1.0 W 5.0 % M.OXIDE	1	R2
6	6		13-22505-01		VARISTOR 540VAC VOLT TRANS SUP	1	R1
7	7		16-26569-01		INDUCER,TORROID 19MH 12A	1	L1
8	8		16-26573-01		INDUCER,TORROID 12A	2	L2,L3

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: K.LEE		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 09-APR-86				TITLE PARTS LIST			
---	INITIAL	A	(A) 01	(M)	CHK'D: D.DROZD				EMI FILTER BOARD			
			(B)	(N)	DATE: 09-APR-86							
			(C)	(P)	DES.ENG: J. ARDUINO							
			(D)	(Q)	DATE: 03-JUL-86				DOCUMENT NUMBER			
			(E)	(R)					SIZE	CODE	NUMBER	REV
			(F)	(S)	RESP.ENG.: J. ADRUINO				K	PL	5417079-0-DBP	A
			(H)	(T)	DATE: 03-JUL-86							
			(J)	(V)	MFG.ENG: L. BROWN				RELEASE DATE: 22-SEP-86			
			(K)	(W)	DATE: 03-JUL-86				RELEASE STATUS: RELEASED			
			(L)	(Y)								
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			5417079		D-UA-5417079-0-0		B-DD-5417079-0-0		MLA0191A.PLS		21	
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CORPORATION.

	REVISION	
CHK	CHANGE NO.	REV

digital
LEARN
FIRST USED ON OPTIMA MODEL.

DATE	E. LANDRY	DATE	4/16/86
ORIG.	E. LANDRY	DATE	4/16/86

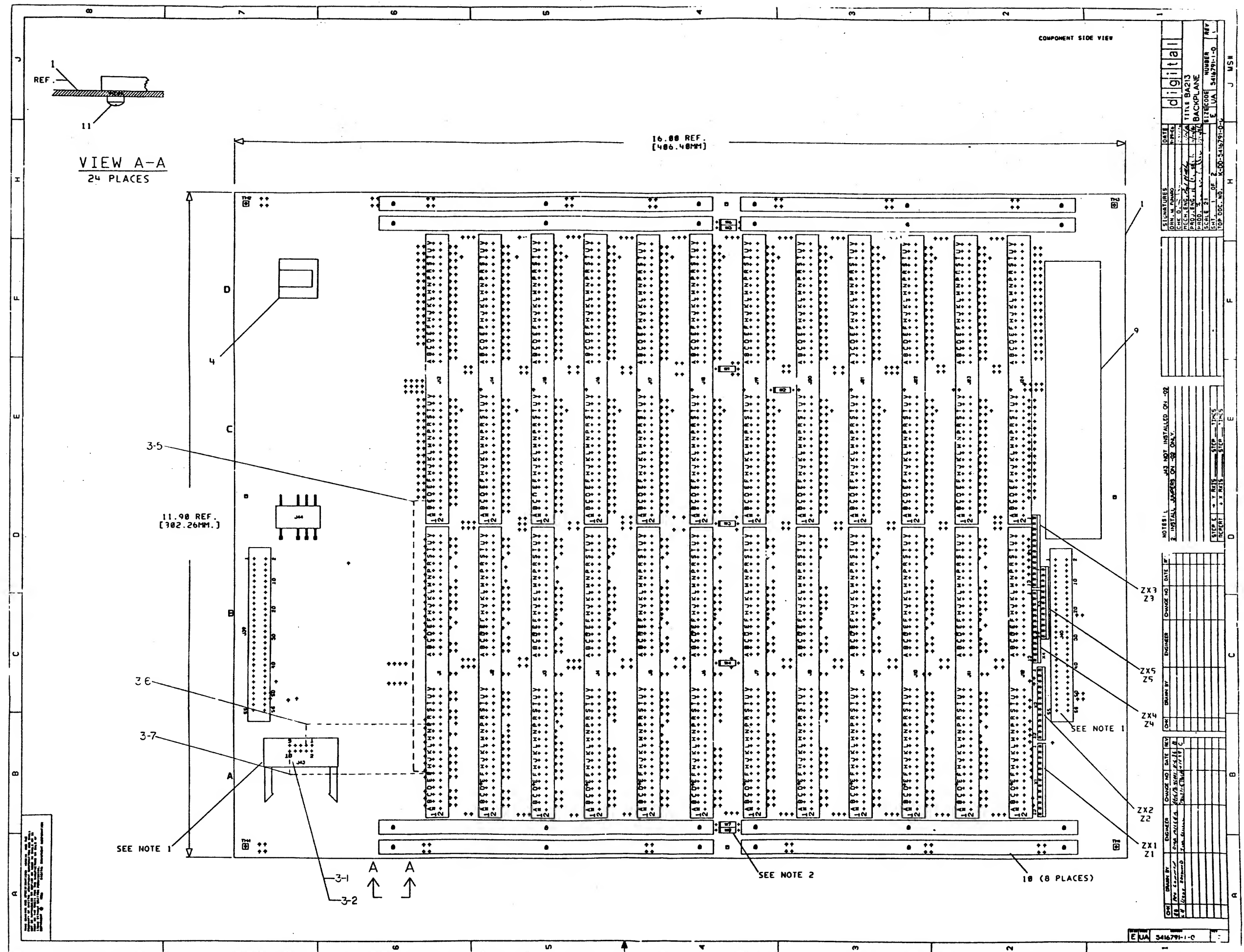
NAME	J. CROSS	DATE	4/16/86
HOVED LOCATION			
SHEET		OF	

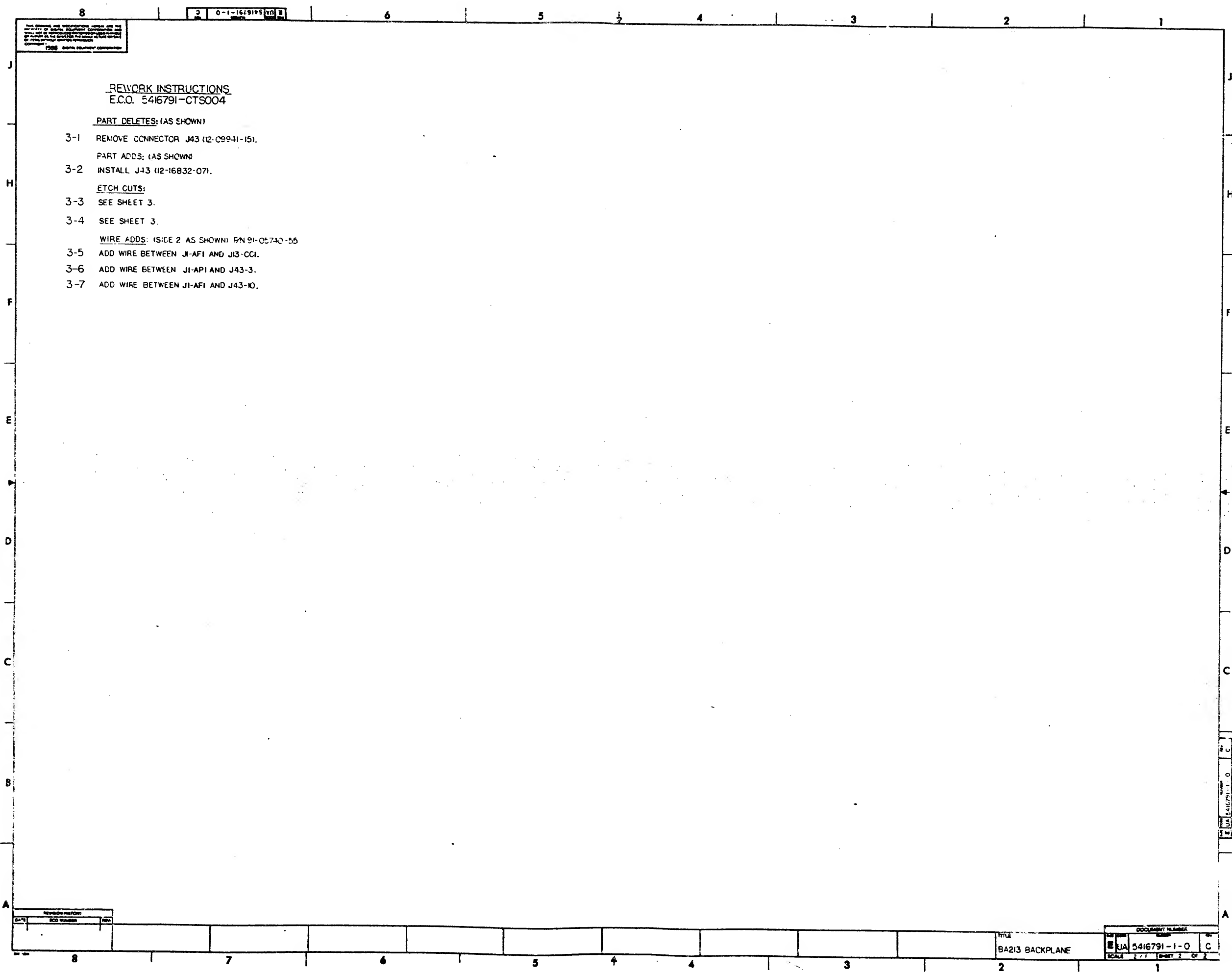
[illegible]

EMI FILTER BOARD

SIZE K	CODE CS	NUMBER 5417079-0-1	REV. A
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DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS			
E-UA-5416791-0-0	1	5416791-01	BA213 BACKPLANE	A1	A2	B2	
D-CS-5416791-0-1	2		BA213 BACKPLANE	A	A	A	
K-PL-5416791-0-DBP	1		BA213 BACKPLANE	A	A	A	
K-PC-5416791-0-DBA			BA213 BACKPLANE	A	B	C	D
			P.C. DESIGN DATA BASE	A	A	A	
K-DD-5016790-0-0	1	5016790-01	ETCHED CIRCUIT BOARD	P1	P1	P1	
			DRAWING DIRECTORY	A	B	B	C
E-UA-5416791-1-0	3	5416791-02	BA213 BACKPLANE	A1	B1	B2	C2
D-CS-5416791-1-1	2		BA213 BACKPLANE		B	B	C
K-PC-5416791-A-DBA			BA213 BACKPLANE		B	B	C
			P.C. DESIGN DATA BASE		B	B	B
K-SP-5416791-0-0	13	5016790-01	ETCHED CIRCUIT BOARD		R1	R1	R2
			ENGINEERING SPECIFICATION		A	A	B
NOTES: E.C.O. 5416791-CTS003 WAS CANCELLED P1 ETCH WILL NOT SUPPORT MICROVAX MEMORY. P1 ETCH NOT RECOMMENDED FOR UPDATES.				R E V I S I O N Y A B C D R E V E I M L M C L L T O O S O O O 1 2 0 0 4 D 0 1 0 0 A 6 1 5 7 T / / / / E 8 8 8 8 16 6 7 8			
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REWORK INSTRUCTIONS
E.C.O. 5416791-CTS004

PART DELETES: (AS SHOWN)

3-1 REMOVE CONNECTOR J43 (12-09941-15).

PART ADDS: (AS SHOWN)

3-2 INSTALL J43 (12-16832-07).

ETCH CUTS:

3-3 SEE SHEET 3.

3-4 SEE SHEET 3.

WIRE ADDS: (SIDE 2 AS SHOWN) F/N 91-05740-55

3-5 ADD WIRE BETWEEN J1-AF1 AND J13-CC1.

3-6 ADD WIRE BETWEEN J1-API AND J43-3.

3-7 ADD WIRE BETWEEN J1-AF1 AND J43-10.

REVISION HISTORY		
DATE	BY	DESCRIPTION

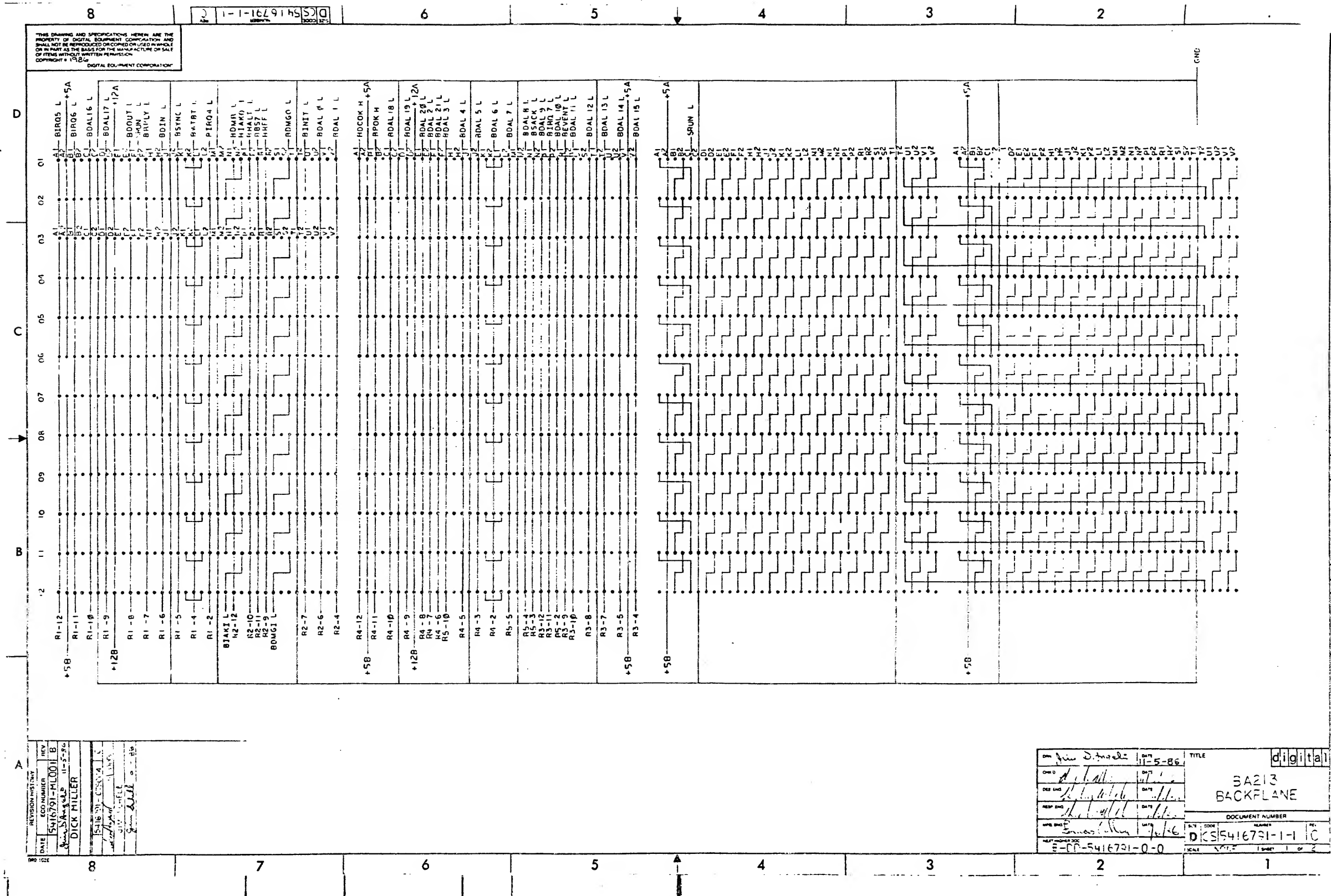
BA213 BACKPLANE

DOCUMENT NUMBER		REV
UA	5416791-1-0	C
SCALE 2/1		SHEET 2 OF 2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						01	02	
						B2	C2	
1	1	D-MD-5016790-0-0	50-16790-01		CIRCUIT DRILL AND ETCH	1	1	
2	2		12-17535-14		*** THIS ITEM IS NOT USED ***	-	-	
3	3		12-09941-15		*** THIS ITEM IS NOT USED ***	-	-	
4	4		12-21249-04		CLIP,WIRE ROUTING W/ACRYLIC ADH	1	1	
5	5		12-27346-01		PCB HEADER 05POS(1X05).156CC 90D	1	1	J44
6	6		12-23962-01		*** THIS ITEM IS NOT USED ***	-	-	
7	7		12-26157-01		CARD EDGE,72PIN(2X36).125CC STR	24	24	J1-J24
8	8		13-23505-01		R. NET 180.0 -11 390.0 -11 2.0	5	5	Z1-Z5
9	9		36-22147-08		LABEL,BAR CODE,THERMAL 1.00 X 5	1	1	
10	10		74-33567-01		BAR, BUSS	8	8	
11	11		90-00062-01		*** THIS ITEM IS NOT USED ***	-	-	
12	12		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	-	8	W1-W8
13	13		90-00062-02		SCREW,THD RL, PAN,SERATD,F/MET	24	24	
14	14		12-16832-07		PCB,HEADER 10POS(2X05).100CC 90D	1	-	J43
15	15		91-05740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	-	
16	16		12-29473-01		CARD EDGE 56POS(2X28) STR	2	2	J39,J40
17	17		12-17535-16		SKT,IC 13PIN SIP TIN SOLD	5	5	ZX1-ZX5

1 GEN: NOTE: D-MD-5016790-1-0 IS FOR THE R1 ETCH REVISION

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: MIKE FUNARO		DIGITAL				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 28-MAY-86				TITLE: PARTS LIST				
DM	INITIAL	A	(A)	01,02	(M)	CHK'D: DICK BARRIERE				BA213 BACKPLANE			
DM	5416791-ML001	B	(B)		(N)	DATE: 28-MAY-86							
AD	5416791-ML002	C	(C)		(P)	DES.ENG: DICK MILLER							
JS	5416791-CTS004	D	(D)		(Q)	DATE: 30-JUN-86				DOCUMENT NUMBER			
			(E)		(R)	RESP.ENG.: DICK MILLER				SIZE	CODE	NUMBER	REV
			(F)		(S)	DATE: 30-JUN-86				K	PL	5416791-0-DBP	D
			(H)		(T)	MFG.ENG: FRANCIS CULLEN				RELEASE DATE: 17-OCT-88			
			(J)		(V)	DATE: 30-JUN-86				RELEASE STATUS: RELEASED			
			(K)		(W)								
			(L)		(Y)								
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #				
			5416791		E-UA-5416791-0-0		B-DD-5416791-0-0		7				
			FILE NAME: ML998D.PLS										
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DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS			
		M7620-AA	KA650-AA	A1	C1	D1	E1
		M7620-BA	KA650-BA		C1	D1	E1
D-UA-M7620-0-0	5		KA650 UNIT ASSEMBLY	A	B	B	B
K-CS-M7620-0-1	1		KA650 SYS FUNCTIONAL DRAWING TREE	A	A	A	A
K-CS-M7620-0-2	1		KA650 SYS FUNCT. TOP LEVEL VIEW	A	A	A	A
K-CS-M7620-0-3	1		KA650 SYS FUNCT. TOP LEVEL VIEW	A	A	A	A
K-CS-M7620-0-4	1		KA650 SYS FUNCT. CPU/FPA SUBSYSTEM	A	A	A	A
K-CS-M7620-0-5	1		KA650 SYS FUNCT. MEM CONTROLLER	A	A	A	A
K-CS-M7620-0-6	1		KA650 SYS FUNCT. Q22-BUS INTERFACE	A	A	A	A
K-CS-M7620-0-7	1		KA650 SYS FUNCT. ADDRESS LATCH	A	A	A	A
K-CS-M7620-0-8	1		KA650 SYS FUNCT. CDAL/BCDAL BUFFER	A	A	A	A
K-CS-M7620-0-9	1		KA650 SYS FUNCT. 2ND LEVEL CACHE	A	A	A	A
K-CS-M7620-0-10	1		KA650 SYS FUNCT. DATA STORE	A	A	A	A
K-CS-M7620-0-11	1		KA650 SYS FUNCT. TAG STORE	A	A	A	A
K-CS-M7620-0-12	1		KA650 SYS FUNCT. CNTRL STATE MACH.	A	A	A	A
K-CS-M7620-0-13	1		KA650 SYS FUNCT. CACHE/STB STATE	A	A	A	A
K-CS-M7620-0-14	1		KA650 SYS FUNCT. DISCONTINUE STATE	A	A	A	A
K-CS-M7620-0-15	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A	A
NOTES:				A	B	C	D
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DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS				
IK-CS-M7620-0-16	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A		
IK-CS-M7620-0-17	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A		
IK-CS-M7620-0-18	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
IK-CS-M7620-0-19	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
IK-CS-M7620-0-20	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
IK-CS-M7620-0-21	1		KA650 SYS FUNCT. CACHE CNTRL REG.	A	A	A		
IK-CS-M7620-0-22	1		KA650 SYS FUNCT. CLOCK SUBSYSTEM	A	A	A		
IK-CS-M7620-0-23	1		KA650 SYS FUNCT. SYS SUPPORT FUNCT	A	A	A		
IK-CS-M7620-0-24	1		KA650 SYS FUNCT. BOOT/DIAGNOSTIC	A	A	A		
IK-CS-M7620-0-25	1		CPU/FPA SUBSYSTEM CLOCK SUBSYSTEM	A	A	A		
IK-CS-M7620-0-26	1		MEMORY CONTROLLER SUBSYSTEM	A	A	A		
IK-CS-M7620-0-27	1		Q22-BUS INTERFACE SUBSYSTEM	A	A	A		
IK-CS-M7620-0-28	1		ADDRESS LATCH SUBSYSTEM	A	A	A		
IK-CS-M7620-0-29	1		CDAL TO BCDAL BUFFER SUBSYSTEM	A	A	A		
IK-CS-M7620-0-30	1		DATA STORE RAMS CACHE SUBSYSTEM	A	A	A		
IK-CS-M7620-0-31	1		DATA STORE TRANSCEIVERS CACHE	A	A	A		
IK-CS-M7620-0-32	1		TAG STORE 2ND LEVEL CACHE SUBSYS.	A	A	A		
IK-CS-M7620-0-33	1		CONTROL STAGE MACHINE CACHE SUBSYS	A	A	A		
IK-CS-M7620-0-34	1		CACHE CONTROL REG. 2ND LEVEL CACHE	A	A	A		
IK-CS-M7620-0-35	1		SYSTEM SUPPORT FUNCTIONS	A	A	A		
IK-CS-M7620-0-36	1		BATTERY CIRCUITS RS232 INTERFACE	A	B	B	B	
IK-CS-M7620-0-37	1		BOOT AND DIAGNOSTIC ROMS	A	A	A	A	
IK-CS-M7620-0-38	1		BYPASS CAPACITORS	A	B	B	B	
IK-CS-M7620-0-39	1		KA650 PAL CODE PAL 1	A	A	A	A	
IK-CS-M7620-0-40	1		KA650 PAL CODE PAL 2	A	A	A	A	
IK-CS-M7620-0-41	1		KA650 PAL CODE PAL 3	A	A	A	A	
IK-CS-M7620-0-42	1		KA650 PAL CODE PAL 4	A	A	A	A	
IK-CS-M7620-0-43	1		KA650 PAL CODE PAL 5	A	A	A	A	
IK-CS-M7620-0-44	1		KA650 PAL CODE PAL 6	A	A	A	A	
IK-CS-M7620-0-45	1		KA650 PAL CODE PAL 7	A	A	A	A	
IK-CS-M7620-0-46	1		CPU, FPU FOOTPRINT	A	A	A	A	
IK-CS-M7620-0-47	1		CMCTL FOOTPRINT	A	A	A	A	
IK-CS-M7620-0-48	1		CQBIC FOOTPRINT	A	A	A	A	
IK-CS-M7620-0-49	1		SSC, CLK FOOTPRINT	A	A	A	A	
IK-CS-M7620-0-50	1		SSC, CLK FOOTPRINT	A	A	A	A	
IK-PL-M7620-0-DBP	3		KA650 PARTS LIST	A	B	C	D	
IK-CS-M7620-0-DBX	1		INVALID SCHEMATIC DATA BASE	A	B	B	B	
IK-PC-M7620-0-DBJ	1		IP. C. DATA BASE	K	K	K	K	
IK-CS-M7620-C-DBX	1		EXTERNAL CUST. SCHEMATIC DATA BASE				A	
IK-CS-M7620-C-1	1		KA650 SYS FUNCTIONAL DRAWING TREE				A	
IK-CS-M7620-C-2	1		KA650 SYS FUNCT. TOP LEVEL VIEW				A	
IK-CS-M7620-C-3	1		KA650 SYS FUNCT. TOP LEVEL VIEW				A	
IK-CS-M7620-C-4	1		KA650 SYS FUNCT. CPU/FPA SUBSYSTEM				A	
IK-CS-M7620-C-5	1		KA650 SYS FUNCT. MEM CONTROLLER				A	
IK-CS-M7620-C-6	1		KA650 SYS FUNCT. Q22-BUS INTERFACE				A	
IK-CS-M7620-C-7	1		KA650 SYS FUNCT. ADDRESS LATCH				A	
IK-CS-M7620-C-8	1		KA650 SYS FUNCT. CDAL/BCDAL BUFFER				A	
IK-CS-M7620-C-9	1		KA650 SYS FUNCT. 2ND LEVEL CACHE				A	
IK-CS-M7620-C-10	1		KA650 SYS FUNCT. DATA STORE				A	
IK-CS-M7620-C-11	1		KA650 SYS FUNCT. TAG STORE				A	
IK-CS-M7620-C-12	1		KA650 SYS FUNCT. CNTRL STATE MACH.				A	
IK-CS-M7620-C-13	1		KA650 SYS FUNCT. CACHE/STB STATE				A	
IK-CS-M7620-C-14	1		KA650 SYS FUNCT. DISCONTINUE STATE				A	
IK-CS-M7620-C-15	1		KA650 SYS FUNCT. CONTROL FLOW DIAG				A	
TITLE			SHEET 2 OF 3		SIZE	CODE	DOCUMENT NUMBER	REV
KA650					K	DD	M7620-0-0	0

DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS			
K-CS-M7620-C-16	1	5017073-01	KA650 SYS FUNCT. CONTROL FLOW DIAG				A
K-CS-M7620-C-17	1		KA650 SYS FUNCT. CONTROL FLOW DIAG				A
K-CS-M7620-C-18	1		KA650 SYS FUNCT. CONTRL STATE DIAG				A
K-CS-M7620-C-19	1		KA650 SYS FUNCT. CLOCK SUBSYSTEM				A
K-CS-M7620-C-20	1		KA650 SYS FUNCT. SYS SUPPORT FUNCT				A
K-CS-M7620-C-21	1		KA650 SYS FUNCT. BOOT/DIAGNOSTIC				A
K-CS-M7620-C-22	1		CPU/FPA SUBSYSTEM CLOCK SUBSYSTEM				A
K-CS-M7620-C-23	1		MEMORY CONTROLLER SUBSYSTEM				A
K-CS-M7620-C-24	1		Q22-BUS INTERFACE SUBSYSTEM				A
K-CS-M7620-C-25	1		ADDRESS LATCH SUBSYSTEM				A
K-CS-M7620-C-26	1		CDAL TO BCDAL BUFFER SUBSYSTEM				A
K-CS-M7620-C-27	1		DATA STORE RAMS CACHE SUBSYSTEM				A
K-CS-M7620-C-28	1		DATA STORE TRANSCEIVERS CACHE				A
K-CS-M7620-C-29	1		TAG STORE 2ND LEVEL CACHE SUBSYS				A
K-CS-M7620-C-30	1		CONTROL STAGE MACHINE CACHE SUBSYS				A
K-CS-M7620-C-31	1		CACHE CONTROL REG. 2ND LEVEL CACHE				A
K-CS-M7620-C-32	1		SYSTEM SUPPORT FUNCTIONS				A
K-CS-M7620-C-33	1		BATTERY CIRCUITS RS232 INTERFACE				A
K-CS-M7620-C-34	1		BOOT AND DIAGNOSTIC ROMS				A
K-CS-M7620-C-35	1		BYPASS CAPACITORS				A
K-CS-M7620-C-36	1		CPU, FPU FOOTPRINT				A
K-CS-M7620-C-37	1		CMCTL FOOTPRINT				A
K-CS-M7620-C-38	1		QCBIC FOOTPRINT				A
K-CS-M7620-C-39	1		SSC, CLK FOOTPRINT				A
K-CS-M7620-C-40	1		SSC, CLK FOOTPRINT				A
K-DD-5017073-0-0	1		ETCHED CIRCUIT BOARD	K1	K1	K1	K1
			DRAWING DIRECTORY	A	B	B	B

d	i	g	i	t	a	i	TITLE	SHEET 3 OF 3	SIZE	CODE	DOCUMENT NUMBER	REV
							KA650		K	DD	M7620-0-0	D

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REWORK INSTRUCTION (ECC# M7620-ML001)

COMPONENT ADDS SIDE 1 (AS SHOWN)

O-1 ADD (P/N 1117166-00) D9 PIN 1 TO R5 PIN 2
AND D9 PIN 2 TO R5 PIN 1.

91
(4 FLS)

10436 REF
265.07 MM

COMPONENT SIDE VIEW

8510 REF
213.61 MM

VUTSRPNMLKJHFE DCBA

VUTSRPNMLKJHFE DCBA

VUTSRPNMLKJHFE DCBA

VUTSRPNMLKJHFE DCBA

NOTES:

1. R11, R22, R47, W2, W3, W4 AND C2 ARE NOT INSTALLED.

STEP E → Y RXTS STEP TIMES
REPEAT → X RXTS STEP TIMES

CHK	CHANGE	NO	REV
	INIT	A	
1	WED	B	
2	1/2		
3	DEVANE		
4	parting glass		

8

8

DJA M7620-0-0

6

5

4

3

2

1

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1967
DIGITAL EQUIPMENT CORPORATION

VIEW FROM SIDE 1

digital

5017073 01 K1 L1 M7620

D

D

C

C

B

B

A

A

DJA M7620-0-0

REVISION HISTORY		
DATE	ECO NUMBER	REV.

247 344

8

7

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5

4

3

2

1

TITLE
KA650

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DJA	M7620-0-0	B
SCALE 2/1 SHEET 2 OF 5		

8

8

0-0-0292W

DJA

6

5

4

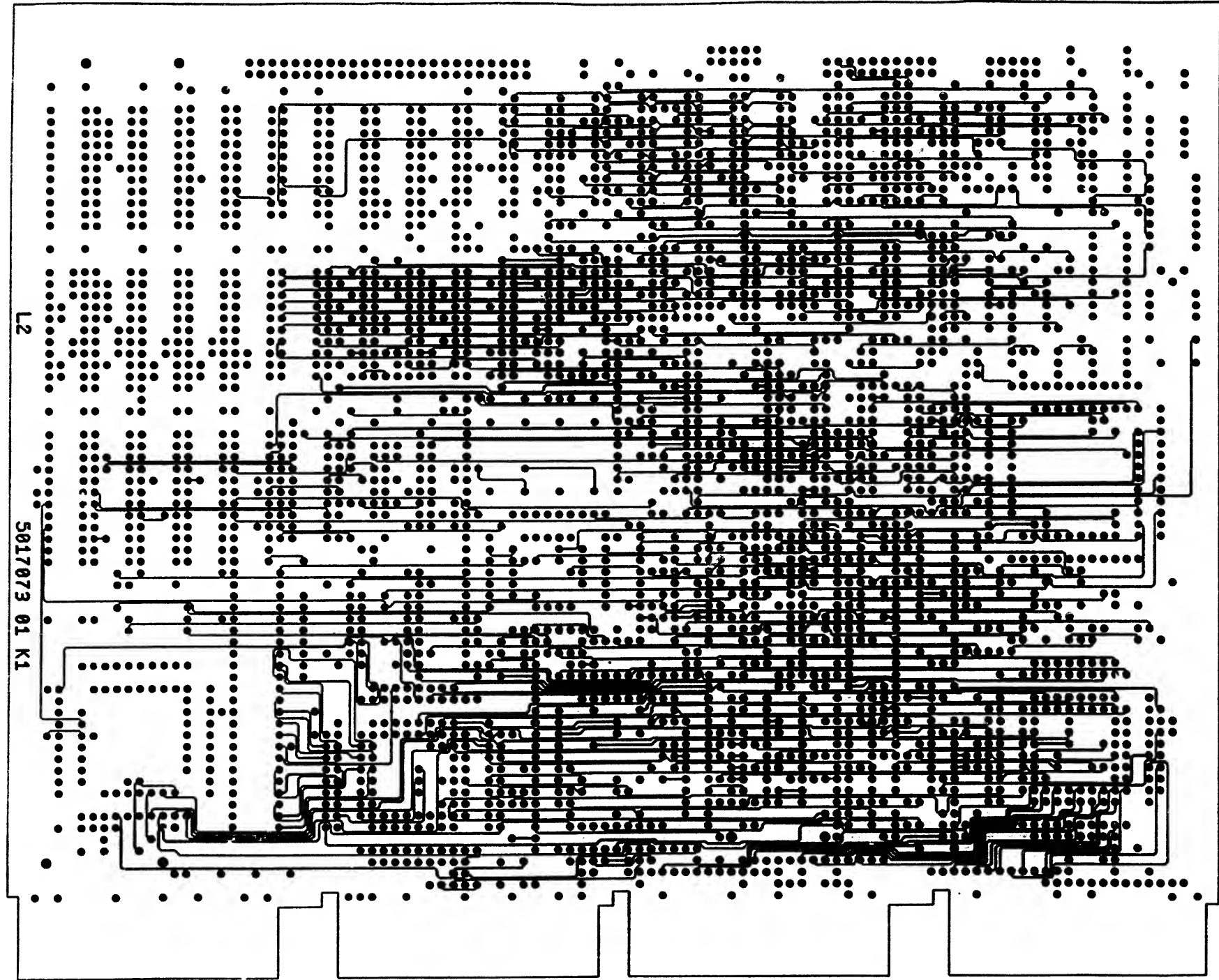
3

2

1

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VIEW FROM SIDE 1



L2

5017073 01 K1

D

C

B

A

D

C

B

A

DJA M7620-0-0

REVISION HISTORY		
DATE	ECO NUMBER	REV

DRD 136A

8

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5

4

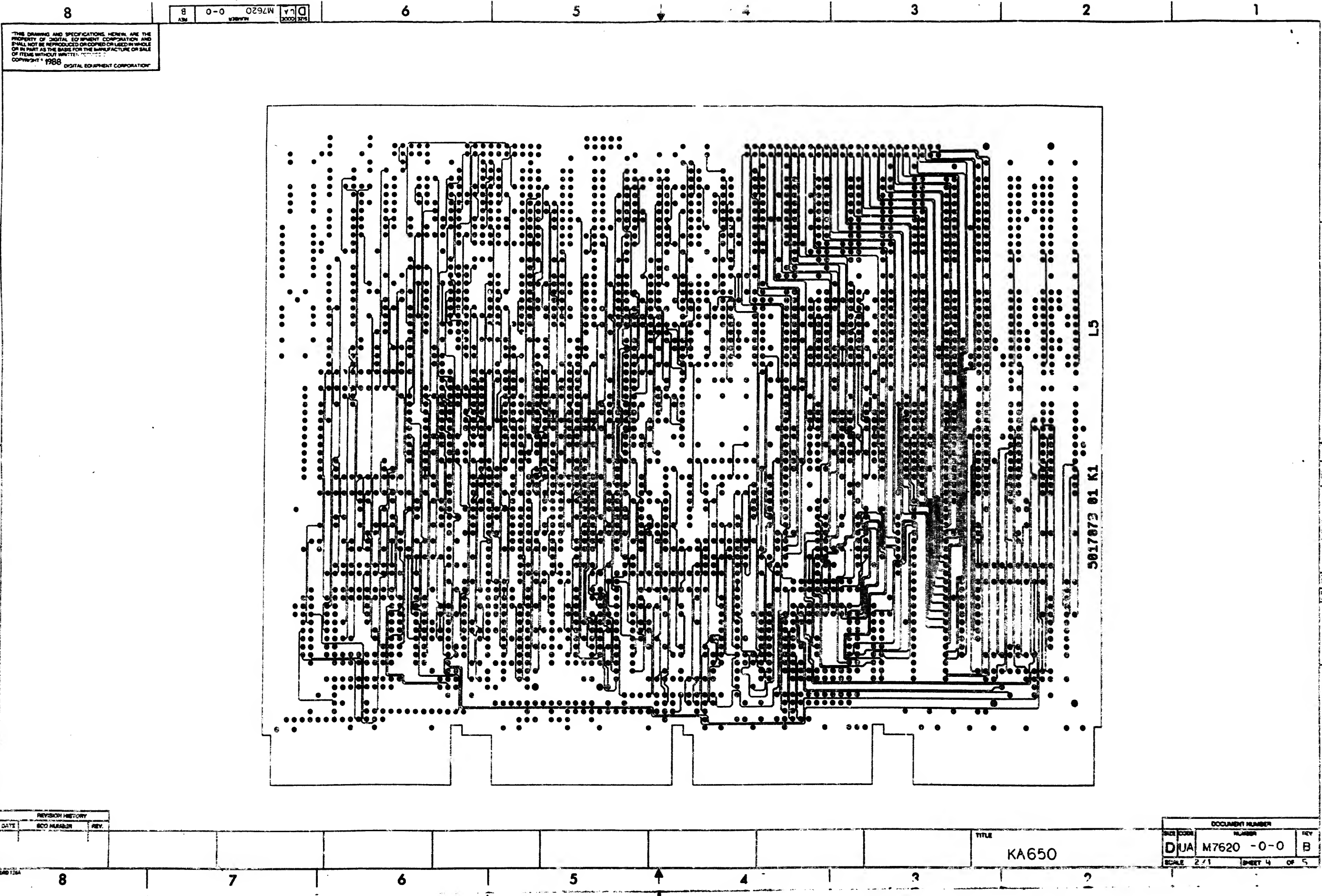
3

2

1

TITLE
KA650

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	REV
D	JA	M7620-0-0	B
SCALE 2/1		SHEET 3 OF 5	



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SIZE CODE	DOCUMENT NUMBER
D	M7620
REV	0-0
B	

REVISION HISTORY		
DATE	BY	REV.

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
D	M7620	-0-0
B		
SCALE	2/1	SHEET 4 OF 5

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						AA E1	BA E1	
1	1	K-DD-5017073-0-0	50-17073-01	A	CIRCUIT DRILL AND ETCH BOARD	1	1	
2	2		10-01610-00		0.010MFD 50V +80/-20% Z5U C	13	13	C13,C15,C24,C26,C27,C34,C36, CONT C42,C54,C58,C65,C69,C73
3	3		10-10274-02		1.0 MFD 50V +80/-20% Z5U C	1	1	C5
4	4		10-10279-01		0.47 MFD 25V +/-20% Z5U C	5	5	C3,C9,C10,C17,C18
5	5		10-13466-05		56 PFD 50V +/- 5% NP0 C	1	1	C11
6	6		10-13466-07		220 PFD 50V +/- 5% NP0 C	1	1	C20
7	7		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	55	55	C1,C4,C7,C8,C12,C14,C19, CONT C2-C23,C25,C28-C33,C35, CONT C37-C41,C43-C53,C55-C57, CONT C59-C64,C66-C68,C72,C74-C81
8	8		10-17472-00		10 MFD 35V +75/-10% ALU	2	2	C6,C16
9	9		10-20446-05		22 MFD 16V +50/-20% ALU	2	2	C70,C71
10	10		10-20446-07		100 MFD 16V +50/-20% ALU	1	1	C82
11	11		11-03441-00		VZ= 8.2 5% 400 MW 1N756A	1	1	D3
12	12		11-05275-00		PIV= 60 IO=300 MA -15NS	3	3	D4-D6
13	13		11-14117-00		PIV= 40 IO= 75 A -4NS 1N4152	2	2	D1,D2
14	14		11-14136-02		LED 6.7MA 5V 2MCD GREEN	1	1	D7
15	15		11-20964-01		LED ASSY 4 RED 5V 8MA	1	1	D8
16	16		12-10929-02		FUSE PICO 1.0 A 125V AXIAL LEA	2	2	F1,F2
17	17		12-13113-03		HANDLE,MODULE	1	1	
18	18		12-13506-04		PCB HEADER 09PIN(2X05).100CC 90D	1	1	J1
19	19		12-13506-10		PCB HEADER 20PIN(2X10).100CC 90D	1	1	J2
20	20		12-21545-03		PCB HEADER 50PIN(2X25).100CC 90D	1	1	J3
21	21		12-15006-17		SKT,IC 28PIN DIP TIN SOLD	2	2	XE26,XE33
22	22		13-00197-00		33.0 .25 W 5.0 % CF	2	2	R50,R51
23	23		13-00202-00		47.0 .25 W 5.0 % CF	59	59	R2,R10,R13,R14,R30-R32,R36-R38, CONT R40,R42,R43,R45,R46,R48,R52, CONT R53,R55-R60,R65-R70,R72-R99, CONT R102

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A	DRN: J. CUNNINGHAM	DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 11-FEB-87				
---	INITIAL	A	[A]	AA,BA	[M]	CHK'D: B. DITOMMASO	TITLE PARTS LIST			
CD	M7620-ML001	B	[B]		[N]	DATE: 23-MAR-87	KA650			
JK	M7620-CTS002	C	[C]		[P]	DES.ENG: C. DEVANE				
JK	M7620-CTS003	D	[D]		[Q]	DATE: 23-MAR-87	DOCUMENT NUMBER			
			[E]		[R]		SIZE	CODE	NUMBER	REV
			[F]		[S]	RESP.ENG.: C. DEVANE				
			[H]		[T]	DATE: 17-SEP-87	K	PL	M7620-0-DBP	D
			[J]		[V]					
			[K]		[W]	MFG.ENG: K. RYAN	RELEASE DATE: 16-AUG-88			
			[L]		[Y]	DATE: 17-SEP-87	RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:		EDIT #		
			M7620		D-UA-M7620-0-0	K-DD-M7620-0-0		6		
			FILE NAME: MLA0178D.PLS							

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LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION		QTY AA	PER BA	VAR/REV	REFERENCE DESIGNATORS
				REV			E1	E1		
24	24		13-00219-00	68.0	.25 W 5.0 %	CF	2	2		R33,R34
25	25		13-00271-00	220.0	.25 W 5.0 %	CF	9	9		R18-R20,R61,R62,R71,R100,R103, R104
26	26		13-00365-00	1.0 K	.25 W 5.0 %	CF	4	4	CONT	R1,R12,R21,R29
27	27		13-00447-00	4.70 K	.25 W 5.0 %	CF	3	3		R7,R27,R28
28	28		13-00479-00	10.0 K	.25 W 5.0 %	CF	4	4		R4,R15-R17
29	29		13-01317-00	10.0	.25 W 5.0 %	CF	1	1		R49
30	30		13-01522-00	27.0	.25 W 5.0 %	CF	4	4		R39,R54,R63,R64
31	31		13-01808-00	22.0 K	.25 W 5.0 %	CF	1	1		R25
32	32		13-01969-00	22.0	.25 W 5.0 %	CF	2	2		R41,R101
33	33		13-02377-00	39.0	.25 W 5.0 %	CF	1	1		R9
34	34		13-02751-00	30.0	.25 W 5.0 %	CF	1	1		R44
35	35		13-04837-00	24.0 K	.25 W 5.0 %	CF	1	1		R6
36	36		13-05128-00	5.62 K	.25 W 1.0 %	RN55D-F10	1	1		R8
37	37		13-13469-00	240.0	.25 W 5.0 %	CF	3	3		R3,R5,R26
38	38		13-16395-00	R. NET	4.7K- 9	2.0	7	7		Z3,Z4,Z6-Z10
39	39		13-16395-02	R. NET	1.0K- 9	2.0	2	2		Z5,Z13
40	40		13-18110-00	R. NET	330.0 -11	680.0 -11	4	4		Z1,Z2,Z11,Z12
41	41		13-18247-00	510.0	.25 W 5.0 %	CF	1	1		R35
42	42		13-19610-01	750.0 K	.25 W 0.1 %	RN55E-B 2	1	1		R24
43	43		13-19645-01	487.0 K	.25 W 0.1 %	RN55E-B 2	1	1		R23
44	44		15-10705-00	XA 05	NPN 500MW SI 60 50 P		1	1		Q1
45	45		18-28789-01	OSCILLATOR, XTAL	44.4444 MHZ		1	1		Y3
46	46		18-28789-02	OSCILLATOR, XTAL	40.00 MHZ		1	1		Y2
47	47		18-28790-02	OSCILLATOR, XTAL	25.6 KHZ		1	1		Y1
48	48		19-13777-B0	LS240	BURNED-IN DRIVER,LIN		2	2		E13,E17
49	49		19-14140-B1	211P	BURNED-IN VOLT COMPR		1	1		E6
50	50		19-14451-B0	LS393	BURNED-IN COUNTER,BI		1	1		E5
51	51		19-15415-B0	9636	BURNED-IN DRIVER,DUA		1	1		E8
52	52		19-16028-B1	9643	BURNED-IN DRIVER,TTL		1	1		E4
53	53		19-18868-B0	LS26	NAND GATE,2-IN,HIGH		1	1		E7
54	54		19-19542-B1	9639	RECEIVER,LINE,DUAL,P		1	1		E3
55	55		19-19684-01	***	THIS ITEM IS NOT USED ***		-	-		
56	56		19-20441-B1	74F245	TRANSCEIVER,BI-DIREC		4	4		E9,E15,E18,E19
57	57		19-20442-B1	74F374	FF-D,OCTAL,TRI-STATE		1	1		E41
58	58		19-20572-B1	74F244	BUFFER/LINE DRIVER,0		4	4		E11,E25,E42,E54
59	59		19-21008-B1	74F240	BUFFER/LINE DRIVER,0		2	2		E20,E45
60	60		19-21010-B1	74F373	OCTAL TRANSPARENT LA		4	4		E24,E29,E36,E56
61	61		19-21305-B1	74F00	NAND GATE,QUAD,2-IN,		1	1		E37
62	62		19-21306-B1	74F02	NOR GATE,QUAD,2-IN,B		1	1		E21
63	63		19-21307-B1	74F04	HEX INVERTER,BURNED		1	1		E16
64	64		19-21313-B1	74F64	AND OR INVERT GATE,4		2	2		E12,E27
65	65		19-21314-B1	74F74	FF-D,DUAL,BURNED-IN		2	2		E30,E34
66	66		19-21315-B1	74F86	EXCLUSIVE OR GATE,QU		2	2		E46,E53
67	67		19-21323-B1	74F174	FF-D,HEX,BURNED-IN		2	2		E10,E43
68	68		19-21330-B1	74F257	MUX,QUAD,2-IN,BURNED		1	1		E47
69	69		19-21332-B2	74F280A	PARITY GEN/CHECK,9-B		2	2		E40,E50
70	70		19-21417-B1	74F521	COMPARATOR,IDENTITY,		2	2		E48,E51
71	71		19-22481-B1	74F544	OCTAL REG TRANSCEIVE		5	5		E59,E62,E66,E69,E72
72	72		21-18054-07		16K MOS RAM 35NS S		4	4		E57,E58,E60,E61

D	I	G	I	T	A	L	TITLE	KA650	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
											K	PL	M7620-0-DBP	D

AUTOMATED BY VAXKPL (V2.0)

P A R T S L I S T

SHEET A3 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY AA E1	PER BA E1	VAR/REV	REFERENCE DESIGNATORS
73	73		21-24673-01		DC509 CVAX CLOCK CHIP	1	1		E39
74	74	SEE NOTE 1	21-24674-09		*** THIS ITEM IS NOT USED ***	-	-		
75	75		21-24942-01		*** THIS ITEM IS NOT USED ***	-	-		
76	76		21-25091-01		DC357 MEMORY CONTROLLER CVAX	1	1		E44
77	77		21-25972-01		BUS CONTROLLER INTER	1	1		E1
78	78		21-26266-04		RAM,STATIC 16KX4 35N	11	11		E49,E52,E55,E63,E64,E67,E68, CONT E70,E71,E73,E74
79	79	SEE NOTE 2	21-26604-02		DC513 CFPA CMOS FPU 90NS	1	1		E65
80	80		23-55E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
81	81		23-56E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
82	82		23-379J5-00		J5-07 PAL	1	1		E23
83	83		23-37E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
84	84		23-380J5-00		J5-07 PAL	1	1		E28
85	85		23-381J5-00		J5-07 PAL	1	1		E31
86	86		23-382J5-00		J5-07 PAL	1	1		E35
87	87		23-383J5-00		J5-07 PAL	1	1		E38
88	88		23-384J5-00		J5-07 PAL	1	1		E22
89	89		23-385J5-00		J5-07 PAL	1	1		E14
90	90		23-38E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
91	91		90-00024-01		EYELET,ROLLED 0.1210GX0.192	4	4		
92	92		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	2	2		W1,W5
93	93		99-07004-06		CARTON,DIE CUT,B,200PSI W/ARTWOR	1	1		
94	94		99-07025-06		BAG,ANTISTATIC BUBBLE	1	1		
95	95		99-07092-04		BAG,TRANSLUCENT,ESD PROTECTIVE	1	1		
96	96		19-19684-B1		385BZ PREC VOLT REF PRECON	1	1		Q2
97	97		21-24942-02		*** THIS ITEM IS NOT USED ***	-	-		
98	98		23-70E7 -00		E7-01,E7-04 U	-	1		E33
99	99		23-71E7 -00		E7-01,E7-04 U	-	1		E26
100	100		23-68E7 -00		E701,E7-04 U	1	-		E33
101	101		23-69E7 -00		E7-01,E7-04 U	1	-		E26
102	102		11-17166-00		PIV= 20 IO= 1.00A DO-35	1	1		D9
103	103		21-24674-11		*** THIS ITEM IS NOT USED ***	-	-		
104	104		21-24942-03 A		DC511 MICROVAX SYSTEM SUPPORT CH	1	1		E2
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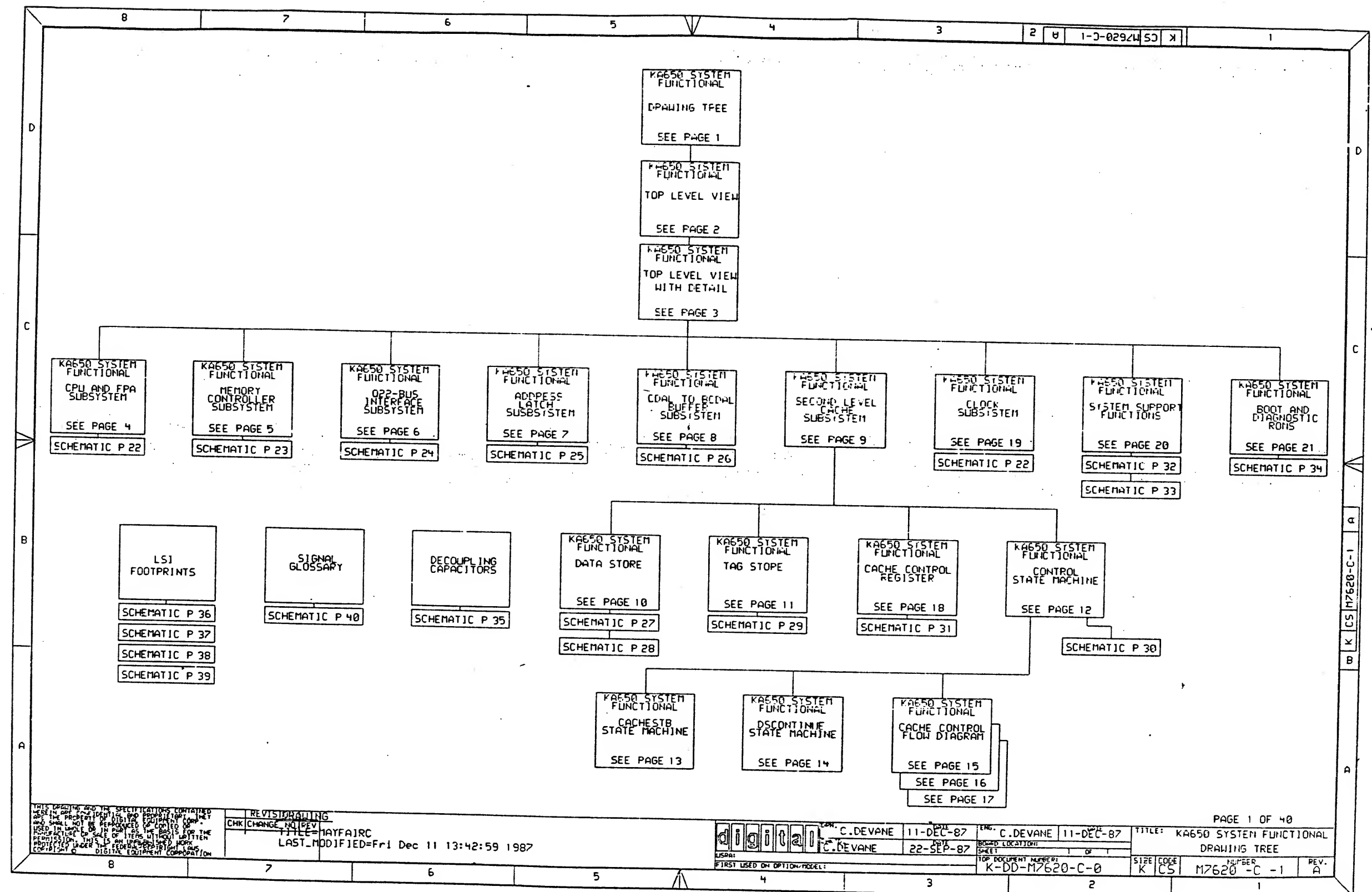
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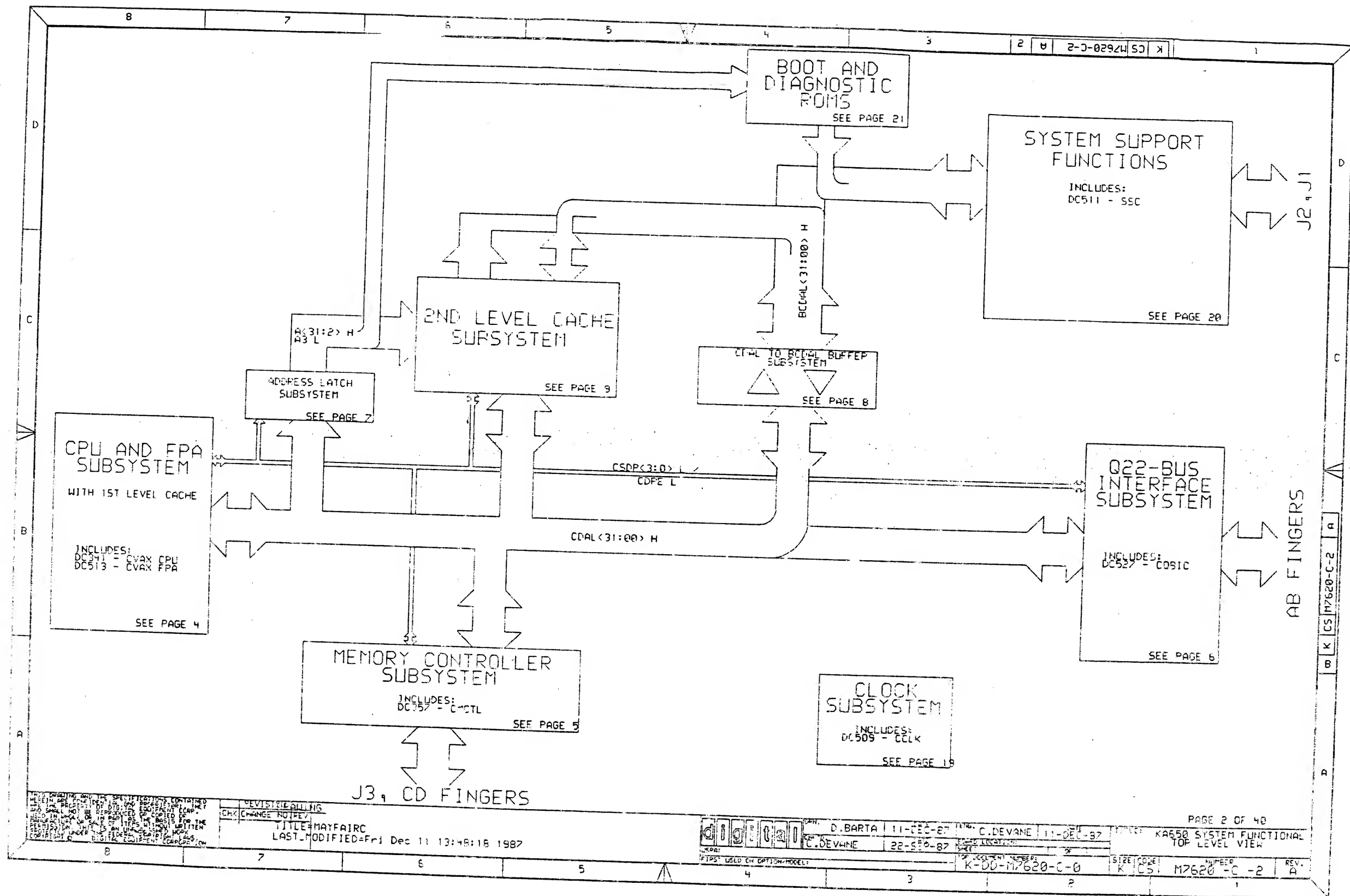
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3 GEN: THE -12 VARIATION OF PART #21-24674- , MAY BE USED IN PLACE OF THE -11 VARIATION.

4 GEN: 10-29563-01 MAY BE USED IN PLACE OF ITEM #7, 10-14265-02.

D	I	G	I	T	A	L	TITLE	KA650	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7620 0-DBP	G





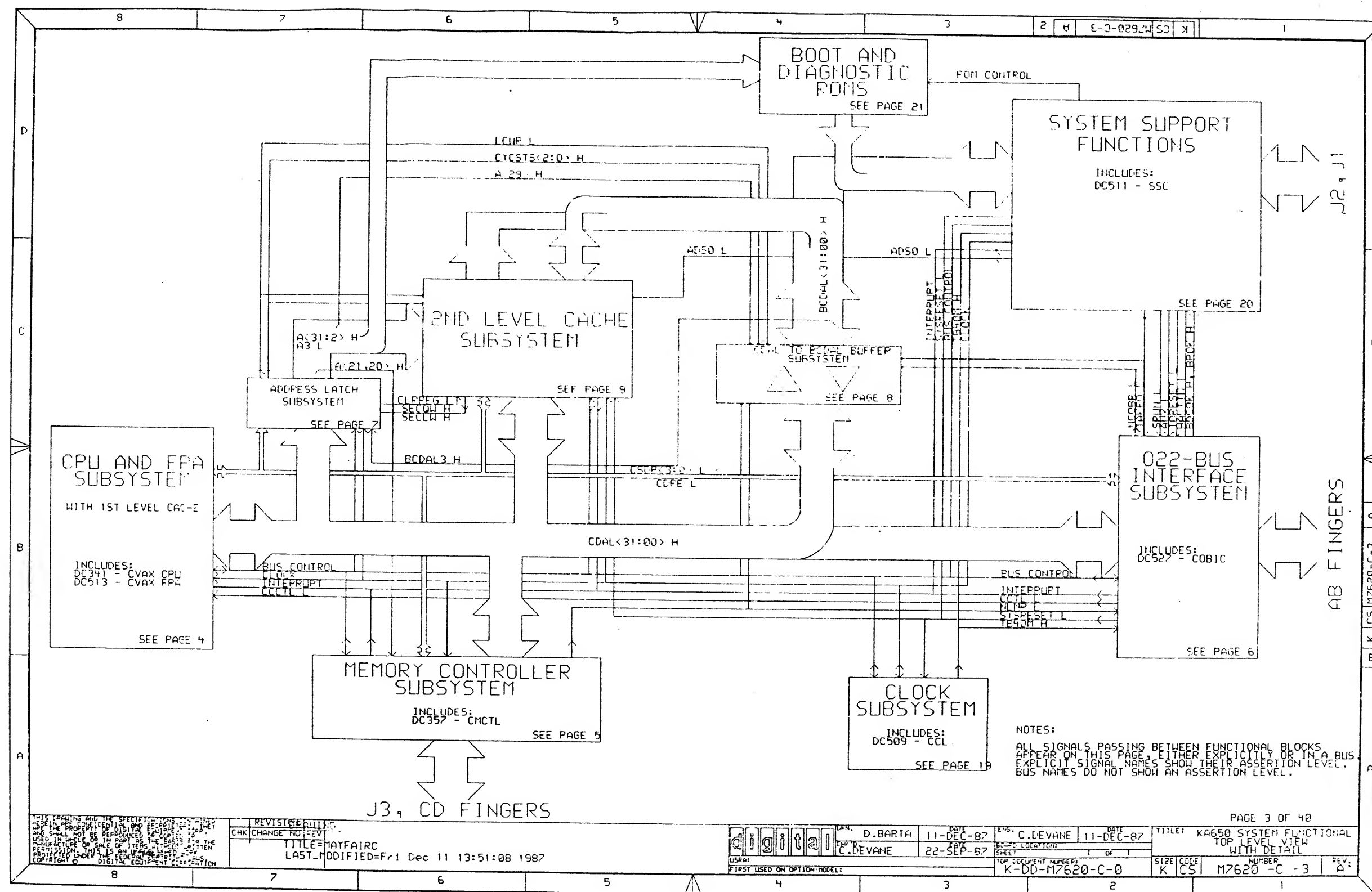
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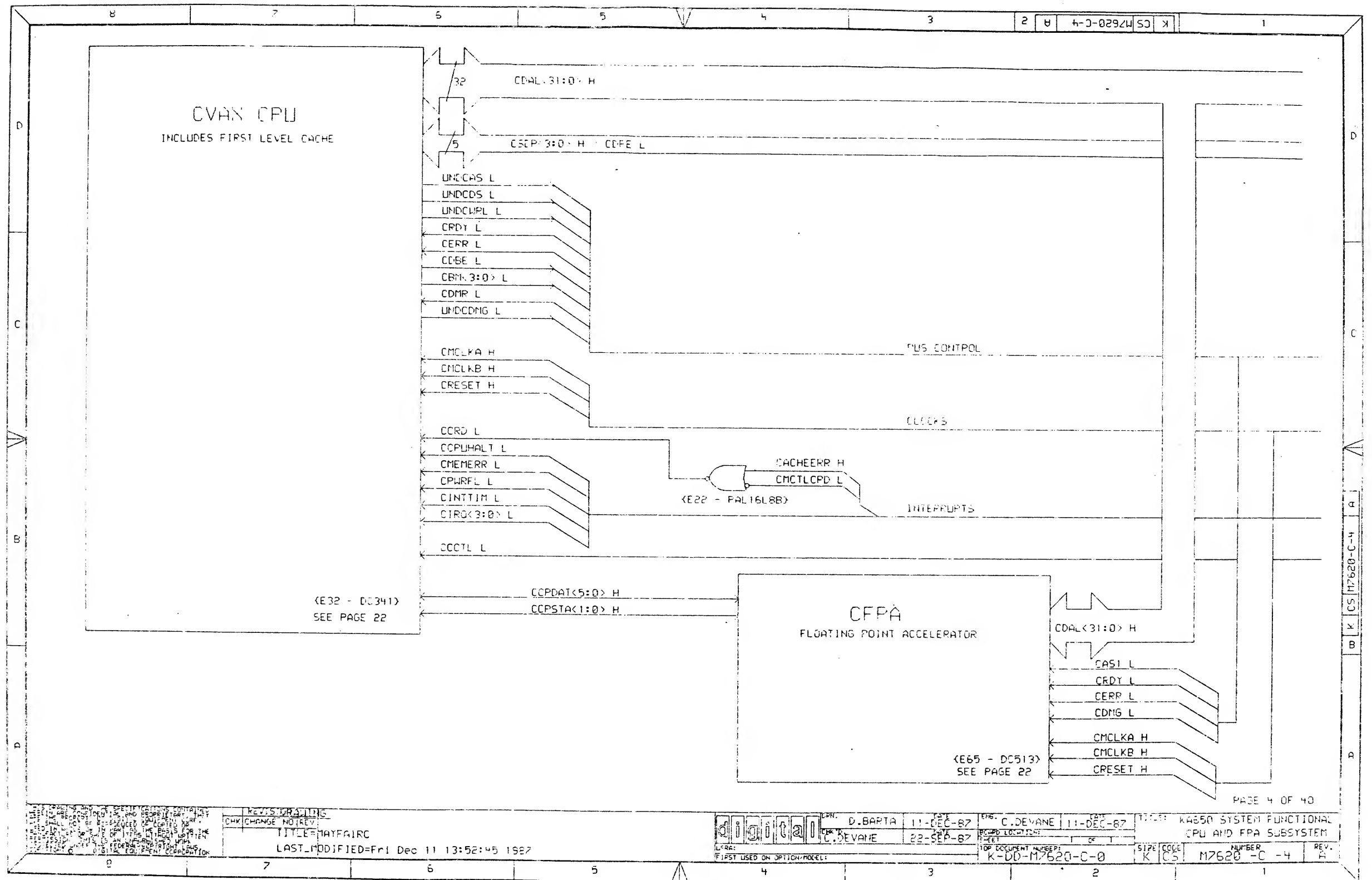
DEVISYRE/ALLIG
CHK/CHANGE NOTED
TITLE: MAYFAIRC
LAST MODIFIED: Fri Dec 11 13:48:15 1987

did 020
FIRST USED ON OPTION: MODEL:

DATE: D. BARTA 11-DEC-87
C. DEVANE 22-SEP-87
C. DEVANE 11-DEC-87

PAGE 2 OF 40
KA650 SYSTEM FUNCTIONAL
TOP LEVEL VIEW
K-00-M7620-C-0
K CS M7620-C-2
REV. A





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REV. 5.0
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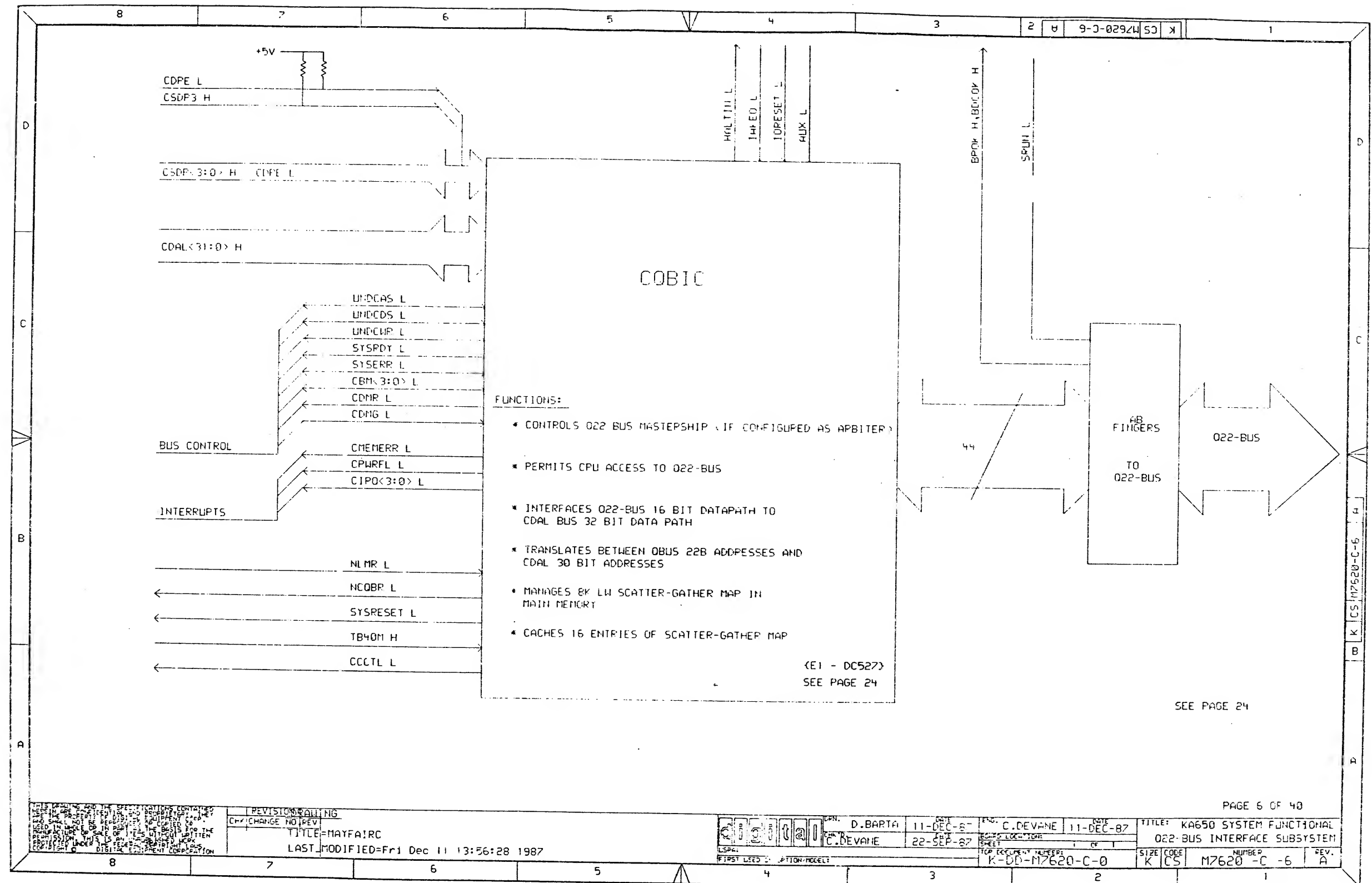
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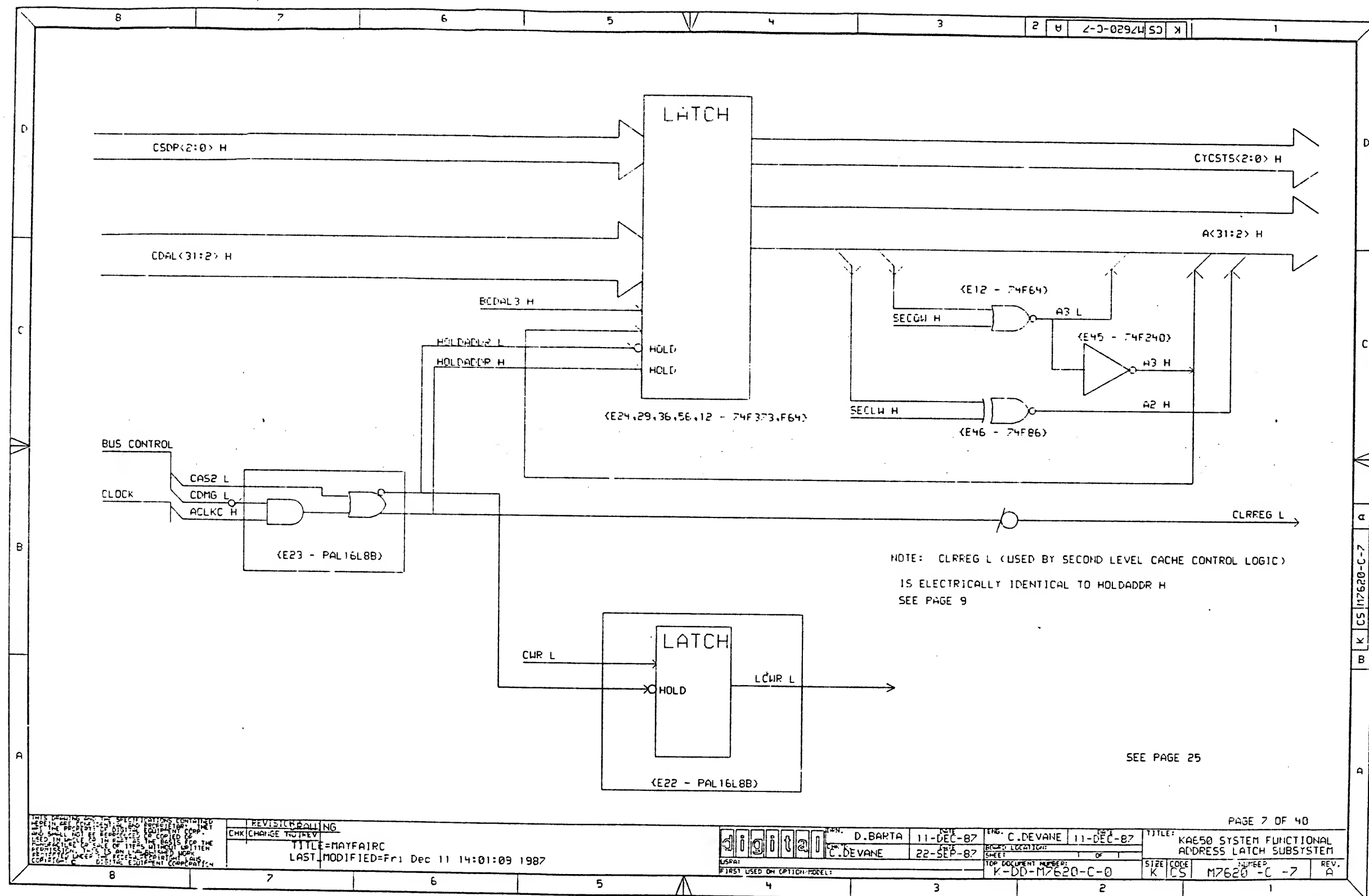
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DATE: 11-DEC-87
CHECKED BY: C. DEVANE
DATE: 22-SEP-87

ENGINEER: C. DEVANE
DATE: 11-DEC-87
TOP DOCUMENT NUMBER: K-DD-M7620-C-0

PROJECT LOCATION: 11-DEC-87
SIZE: K CS
NUMBER: M7620-C-4
REV: A

KA850 SYSTEM FUNCTIONAL CPU AND FPA SUBSYSTEM





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REVISIONS
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LAST MODIFIED=Fri Dec 11 14:01:09 1987

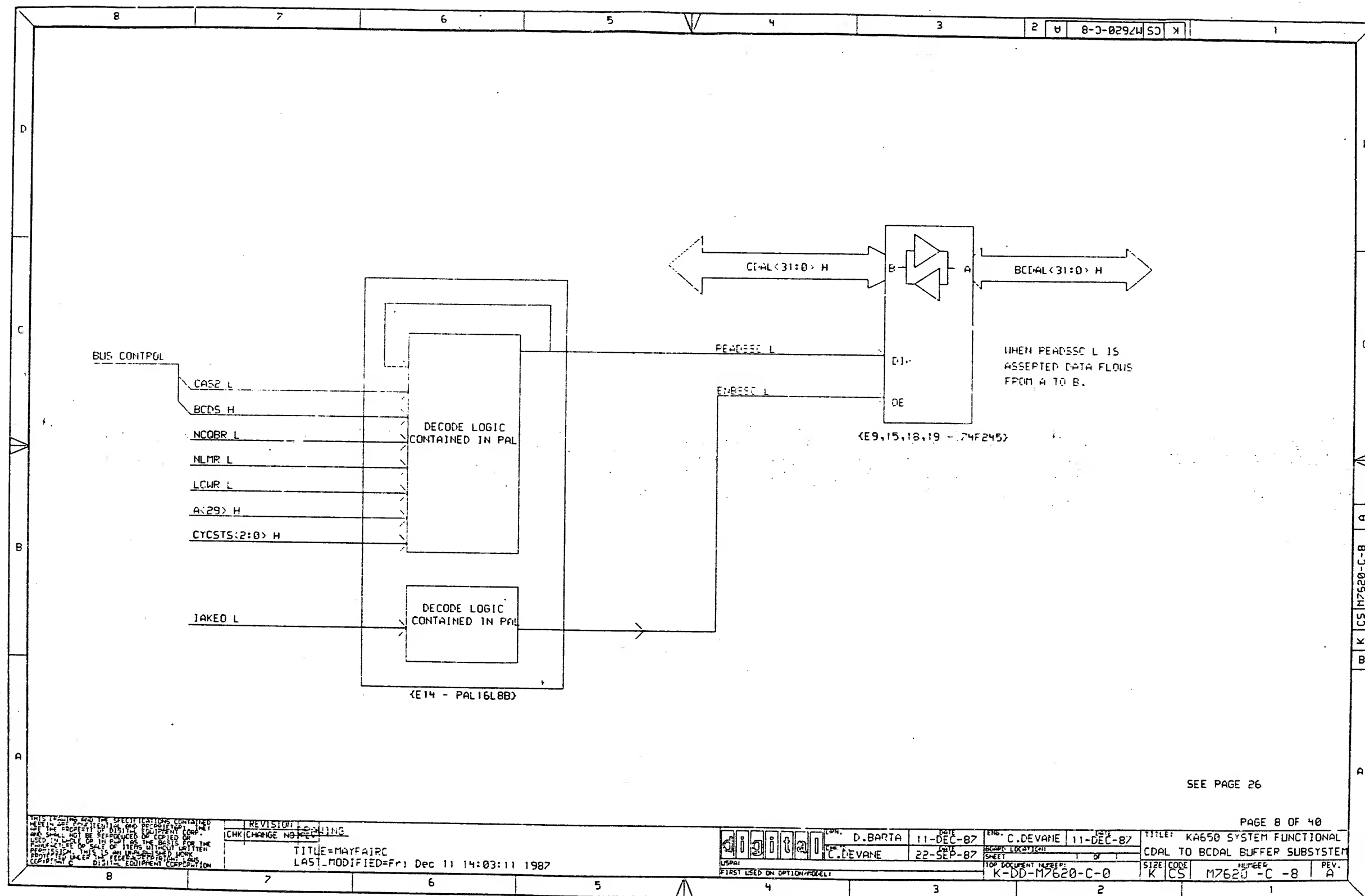
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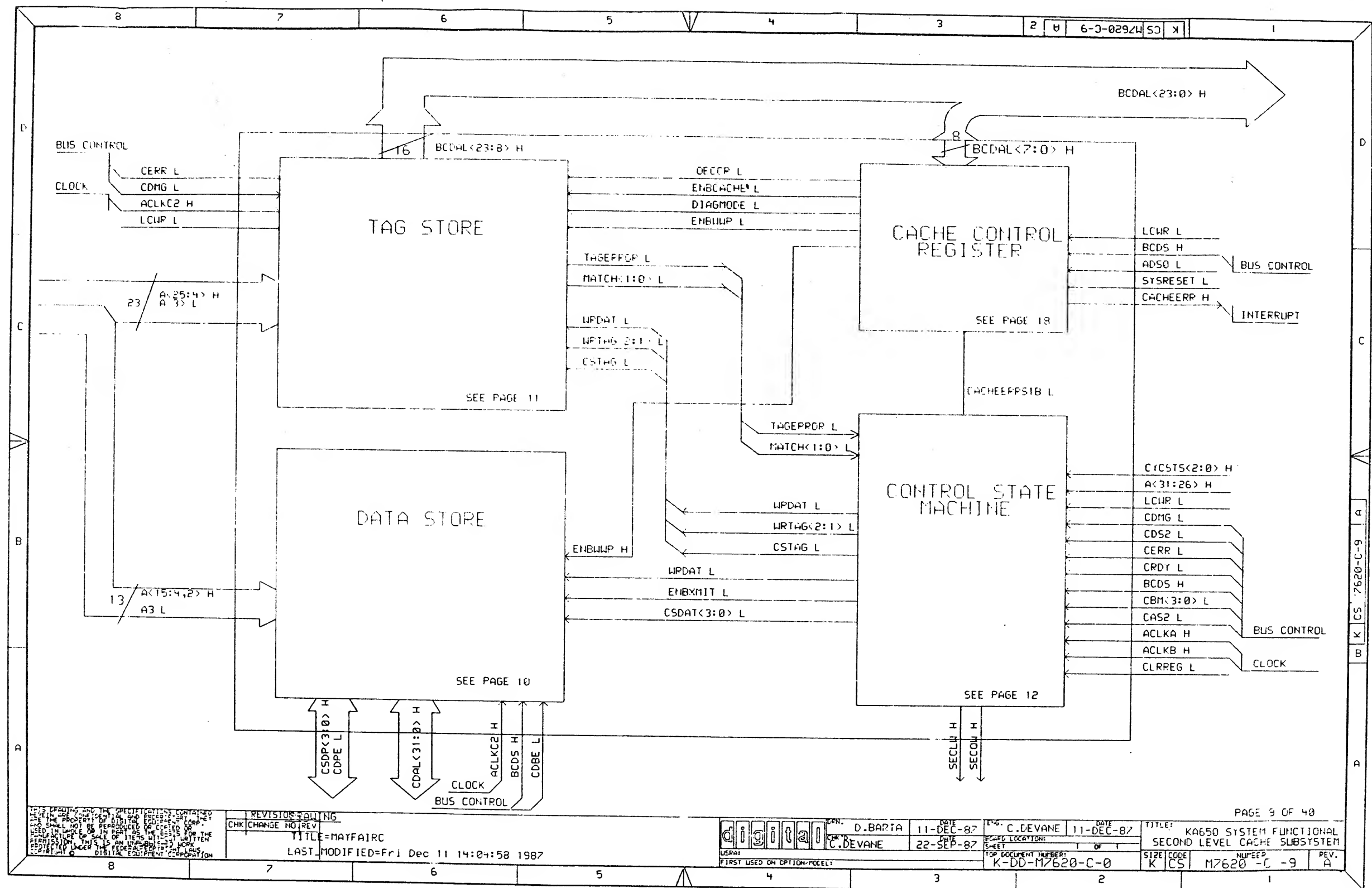
DESIGNED BY D.BARTA
DATE 11-DEC-87
CHECKED BY C.DEVANE
DATE 22-SEP-87

ENGINEER C.DEVANE
DATE 11-DEC-87
SHEET 1 OF 1

TITLE: KA650 SYSTEM FUNCTIONAL
ADDRESS LATCH SUBSYSTEM

TOP DOCUMENT NUMBER: K-DD-M7620-C-0
SIZE CODE: K CS M7620 -C -7
REV: A





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REVISIONS
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 TITLE=MAYFAIRC
 LAST MODIFIED=Fri Dec 11 14:04:58 1987

digital

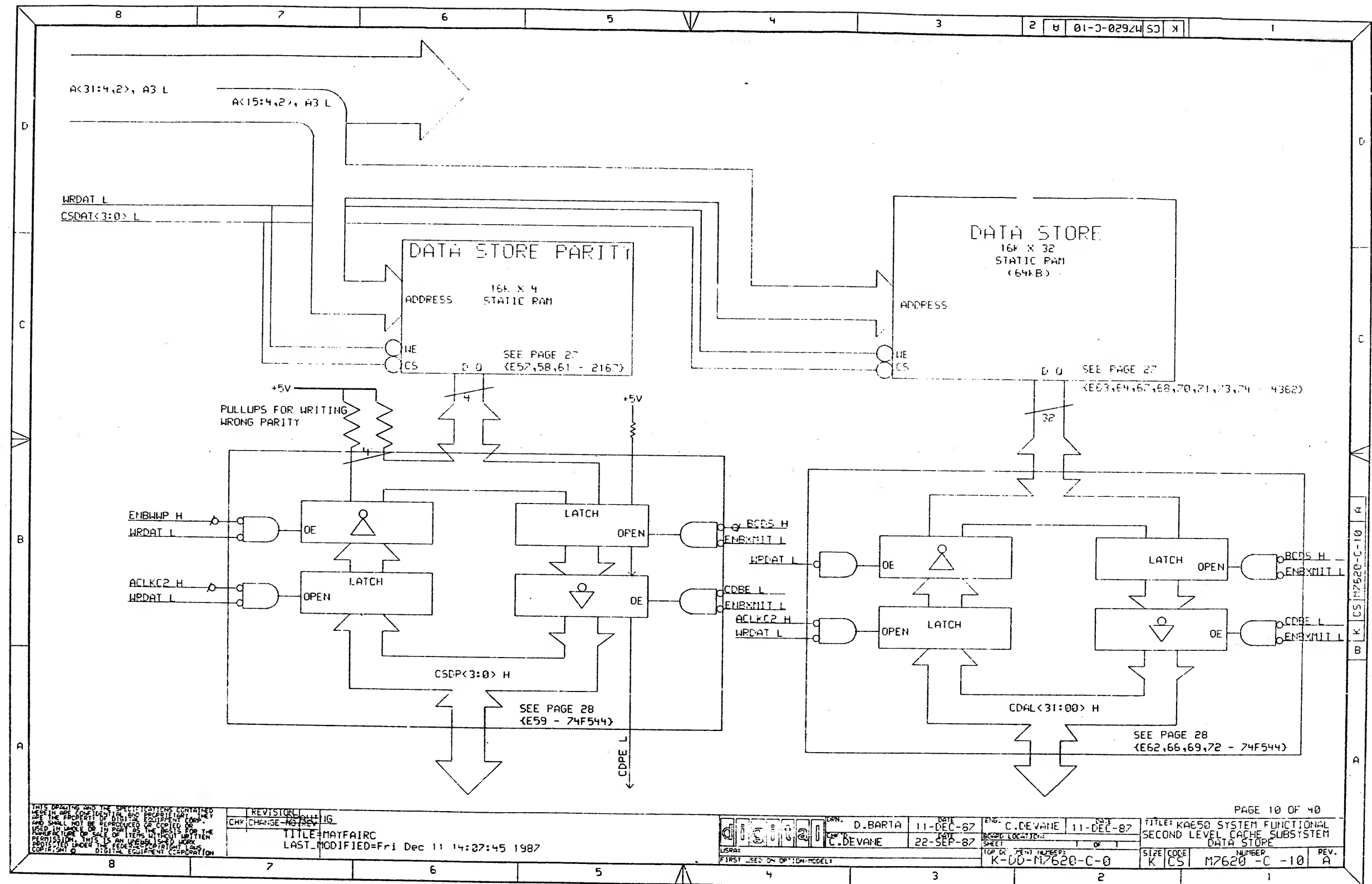
DESIGNED BY D.BARTIA
 CHECKED BY C.DEVANE
 DATE 11-DEC-87
 DATE 22-SEP-87

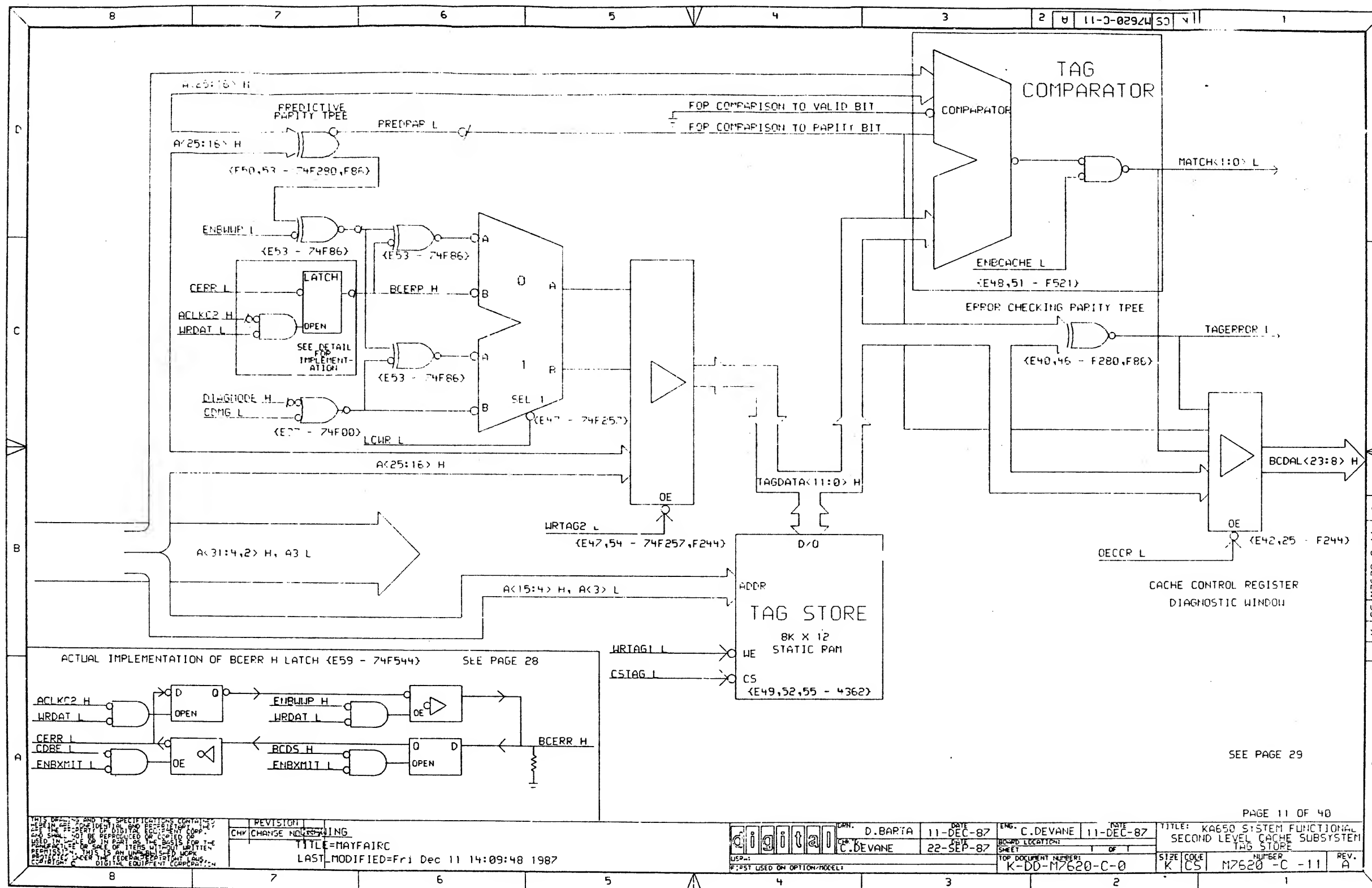
ENG. C.DEVANE
 DATE 11-DEC-87

TITLE: KA650 SYSTEM FUNCTIONAL
 SECOND LEVEL CACHE SUBSYSTEM

TOP DOCUMENT NUMBER:
 K-DD-M7620-C-0

SIZE CODE K CS
 M7620 -C -9
 REV. A





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REVISION
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TITLE=MAYFAIRC
LAST MODIFIED=Fri Dec 11 14:09:48 1987

digital
USER:
FIRST USED ON OPTION/MODEL:

DRN: D.BARTA
C.DEVANE

DATE
11-DEC-87
22-SEP-87

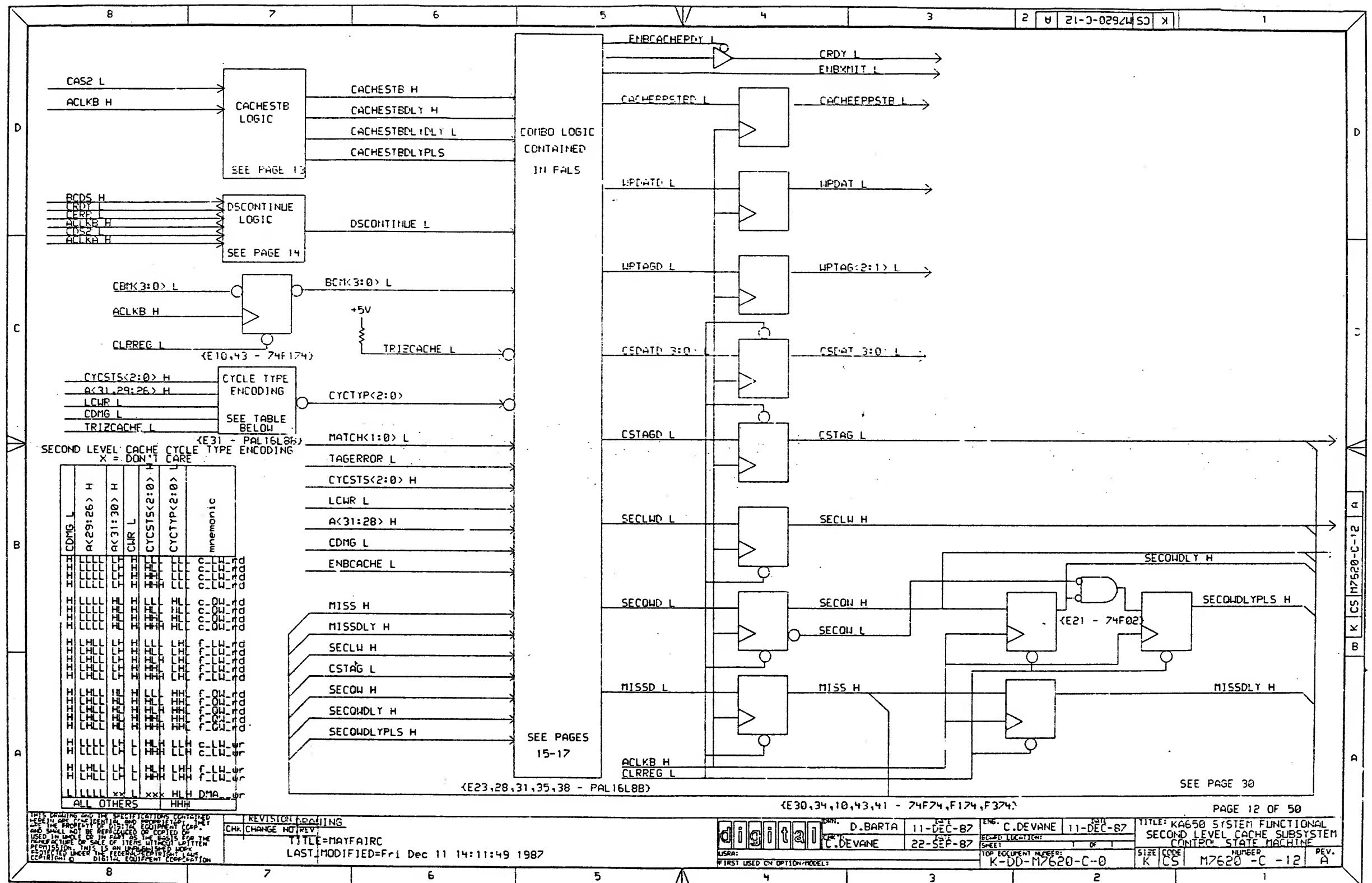
ENG: C.DEVANE
BOARD LOCATION:
SHEET 1 OF 1

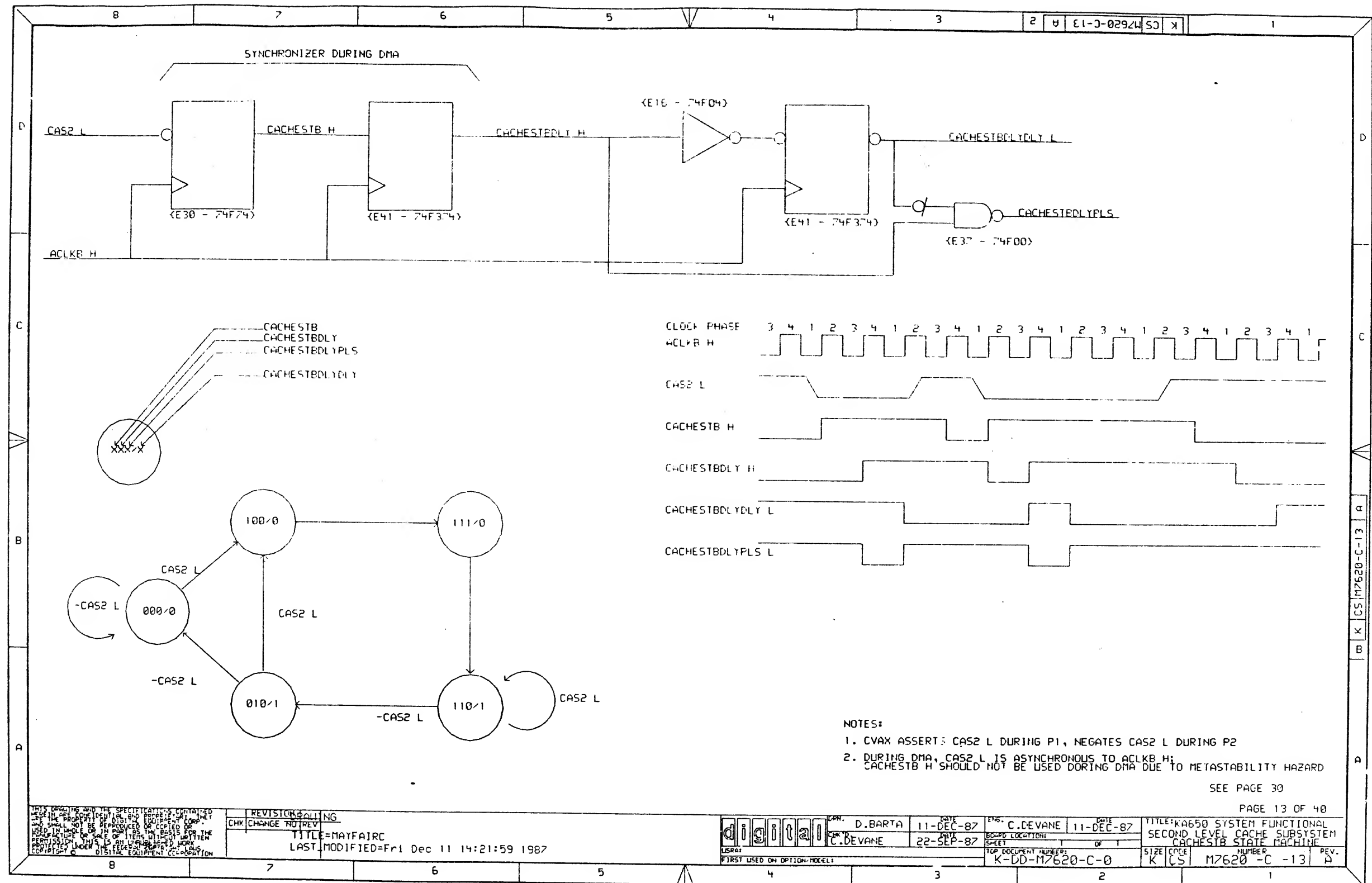
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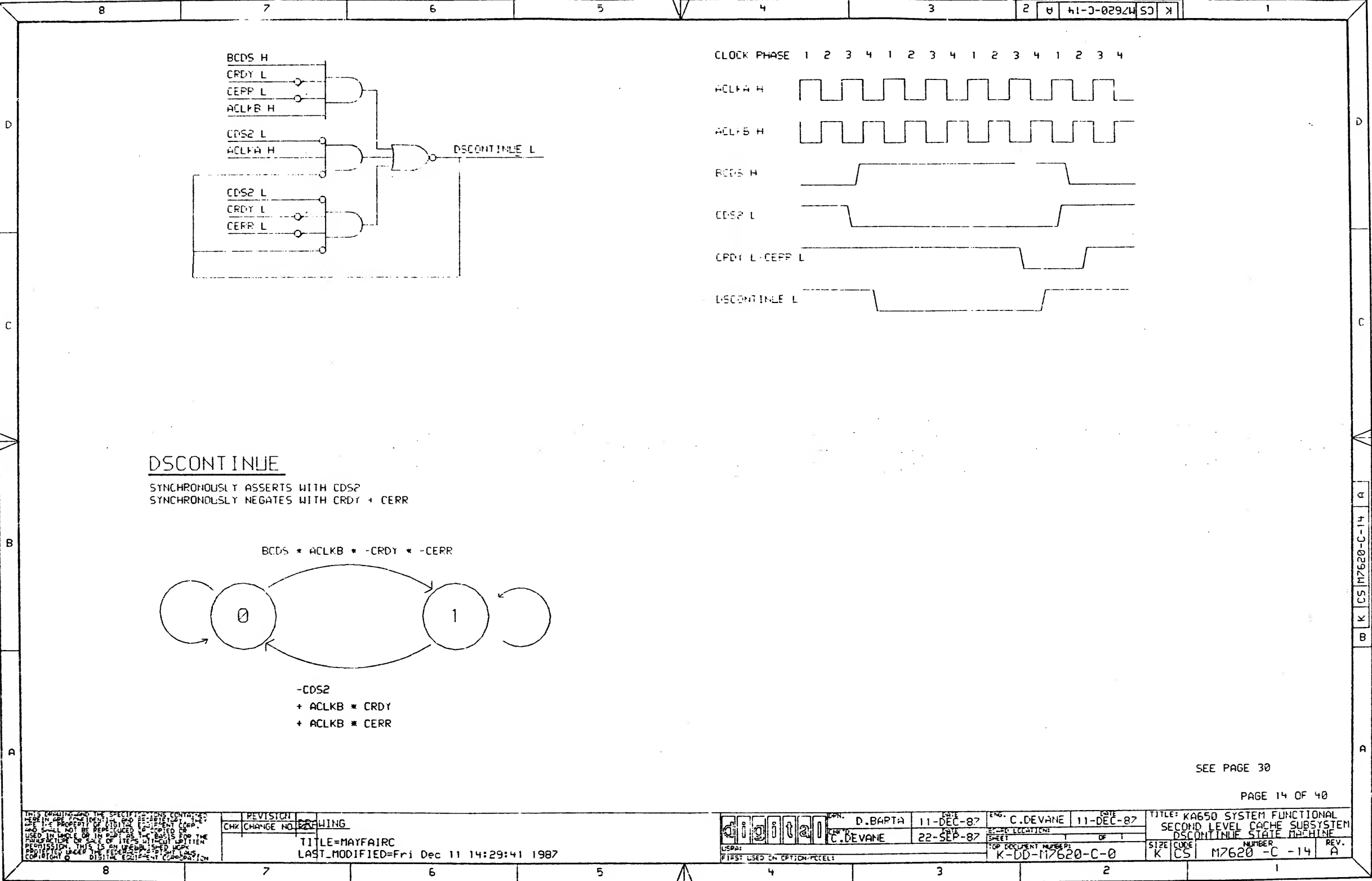
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K CS
NUMBER
M7620-C-11
REV.
A

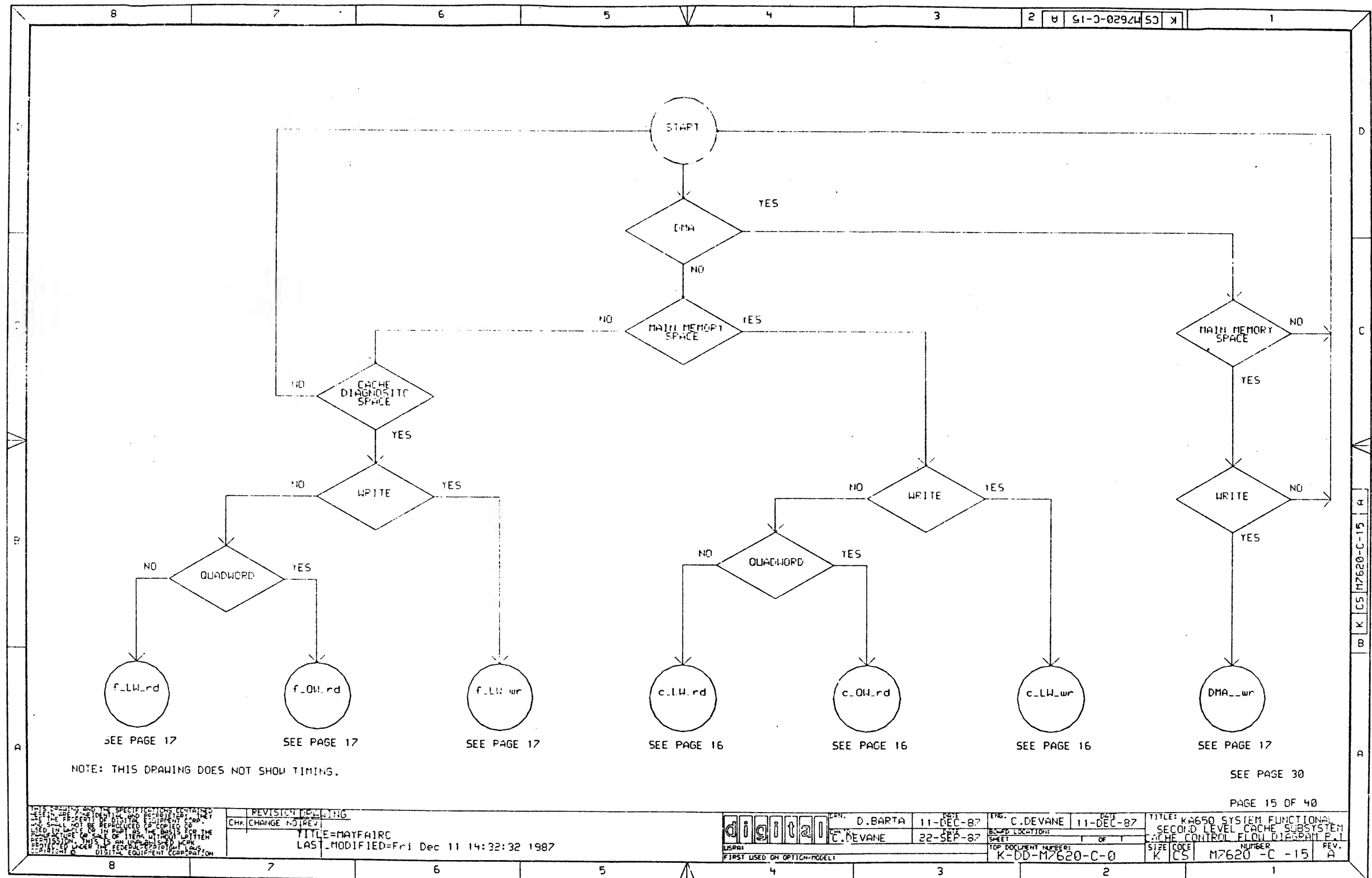
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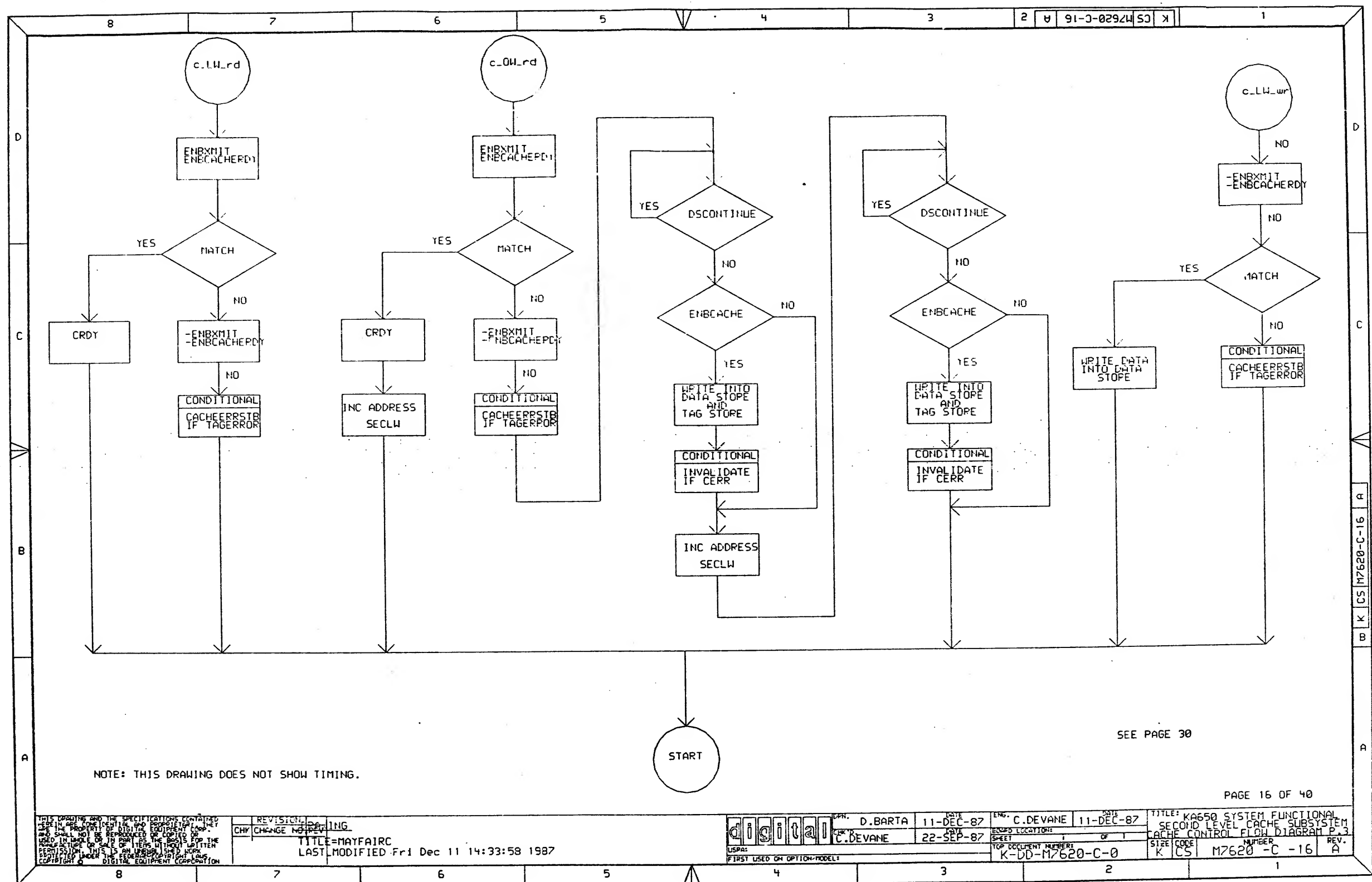
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SECOND LEVEL CACHE SUBSYSTEM
TAG STORE

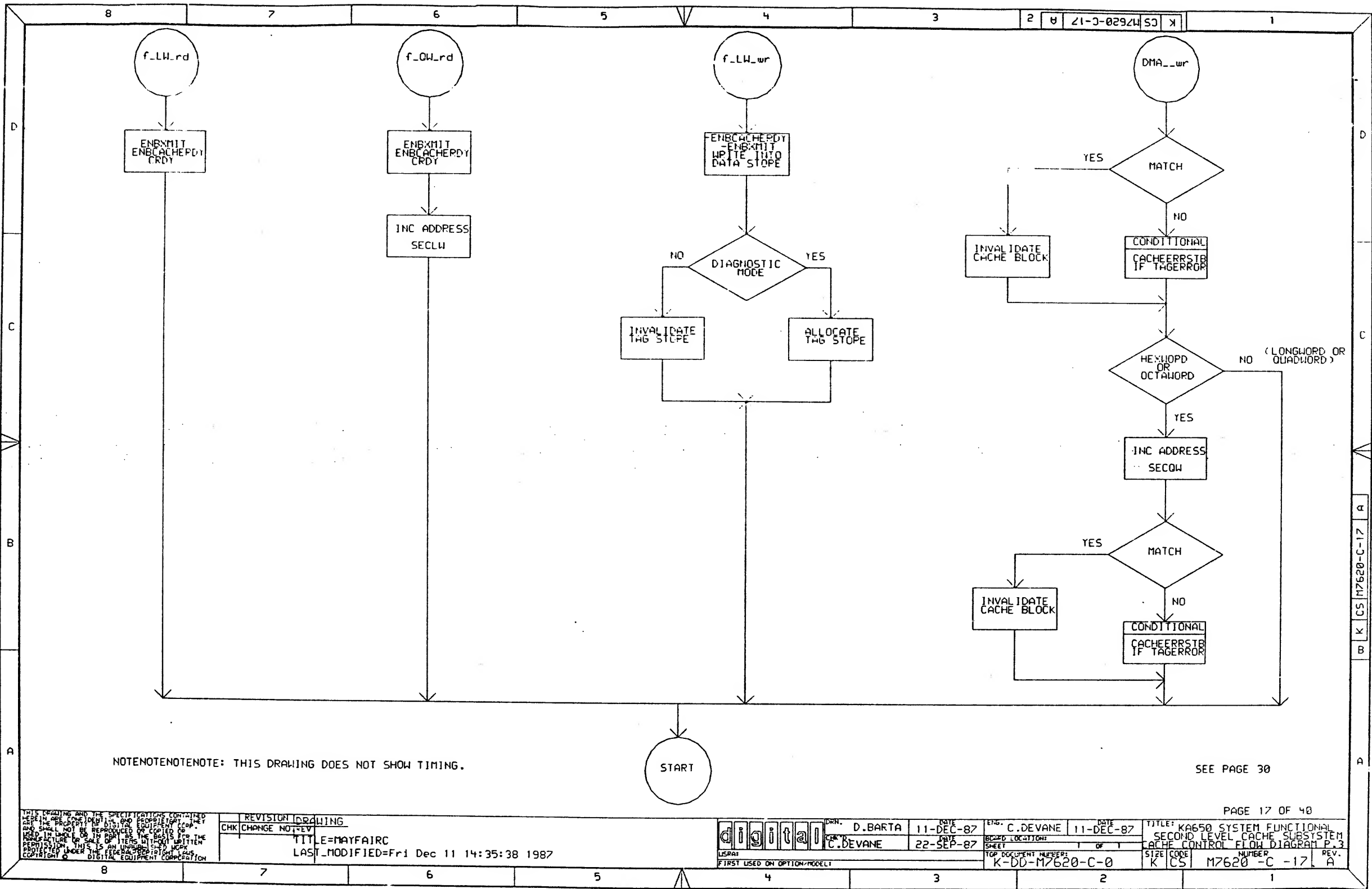


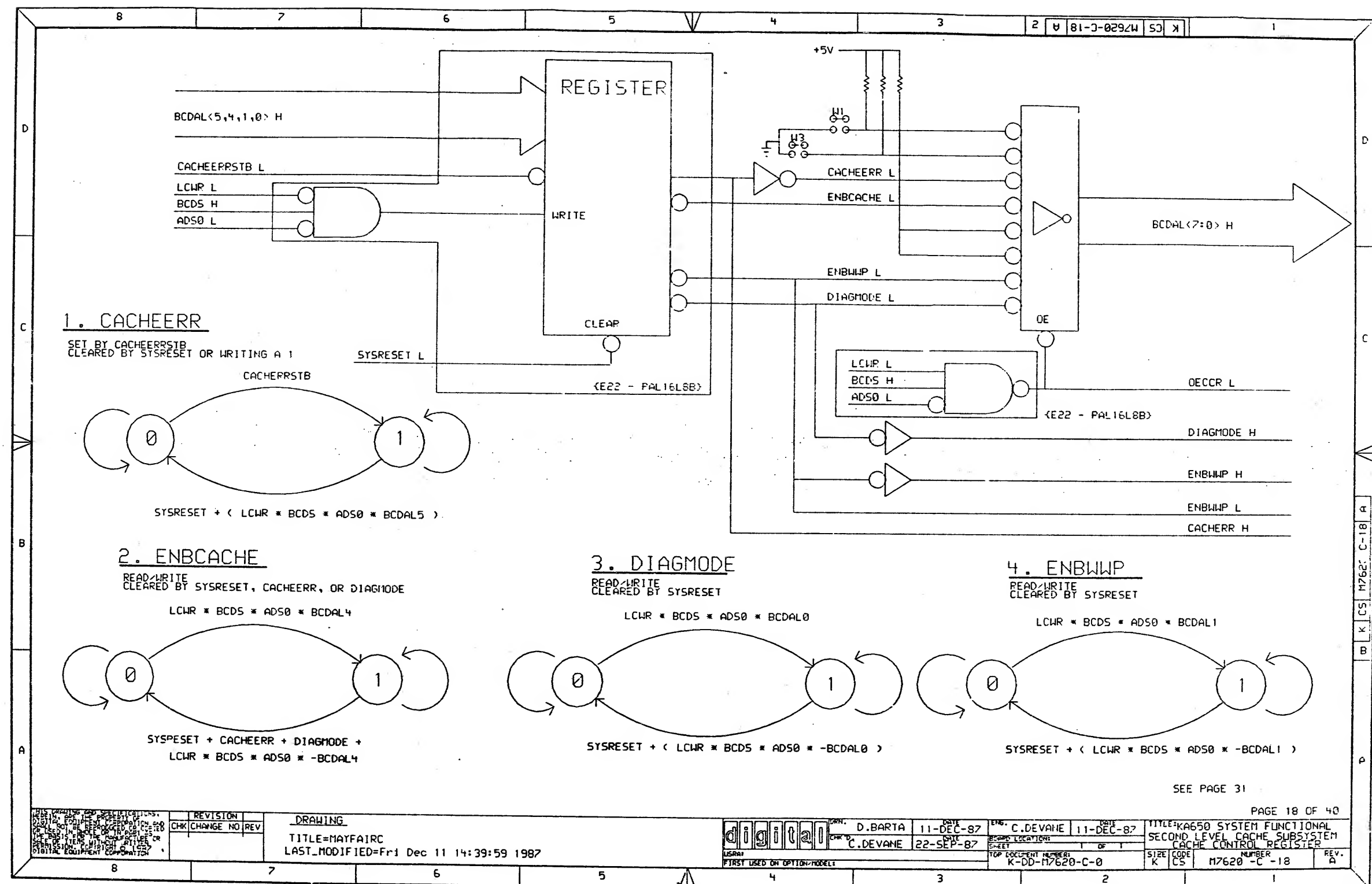


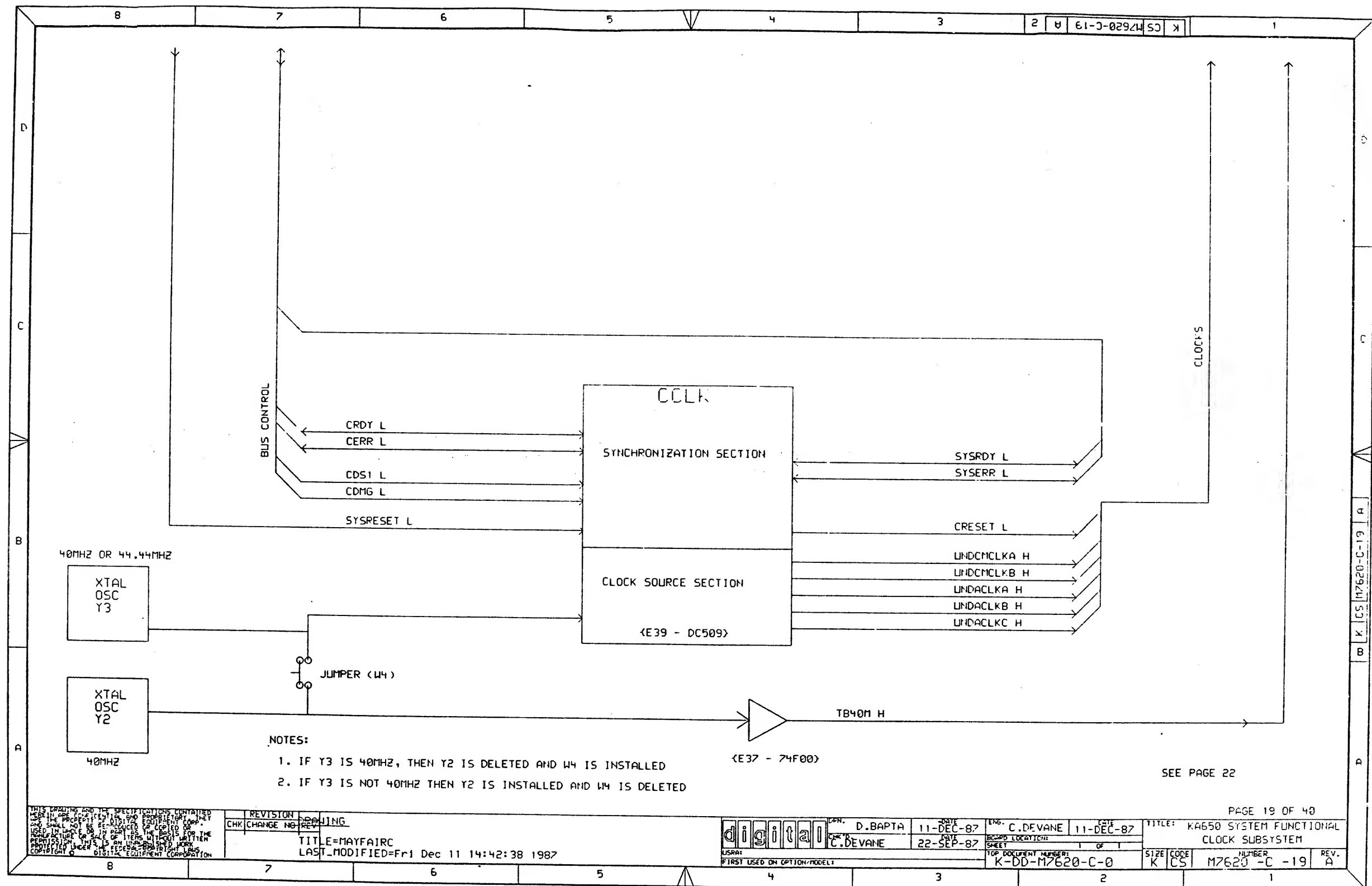


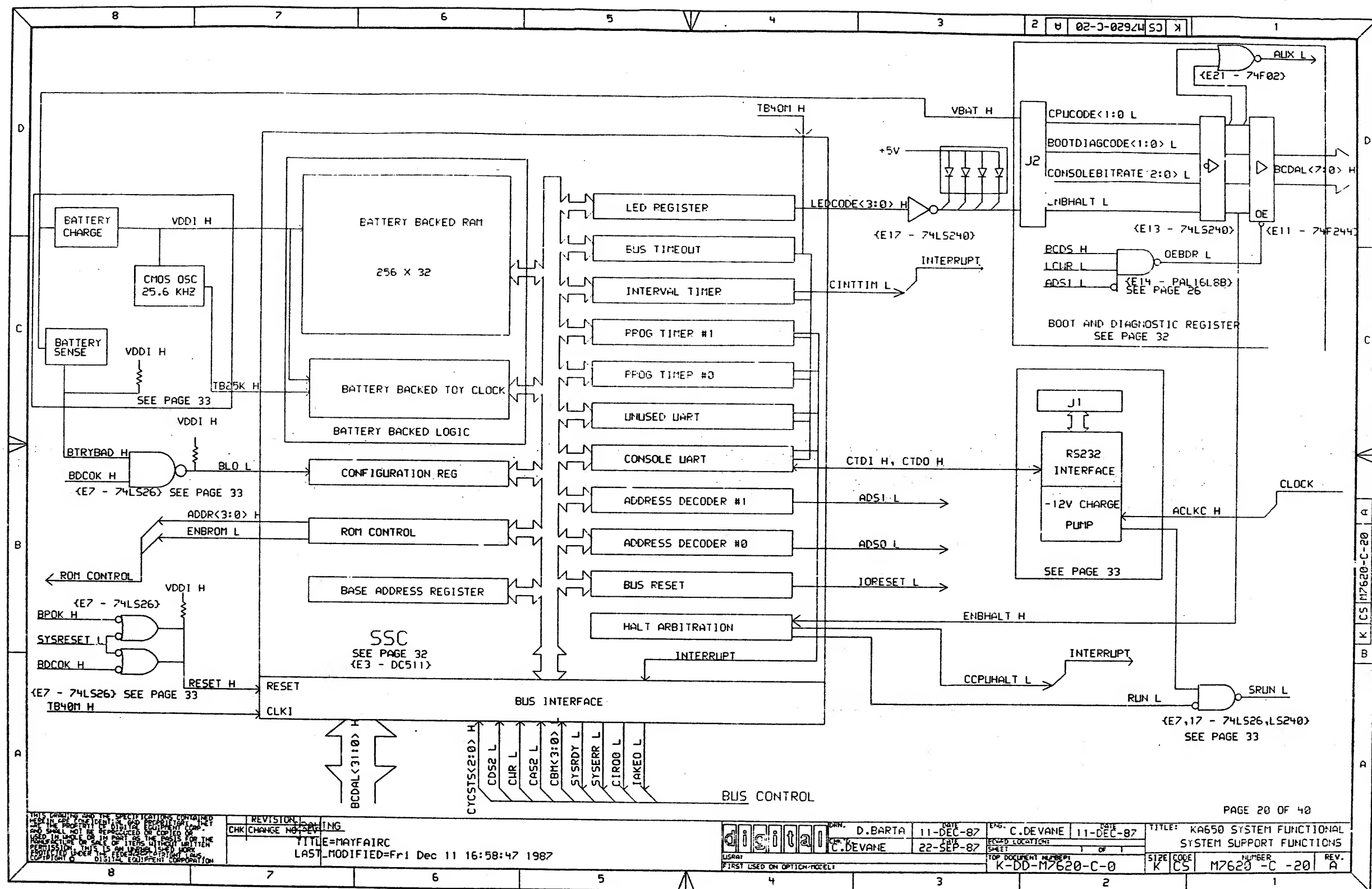


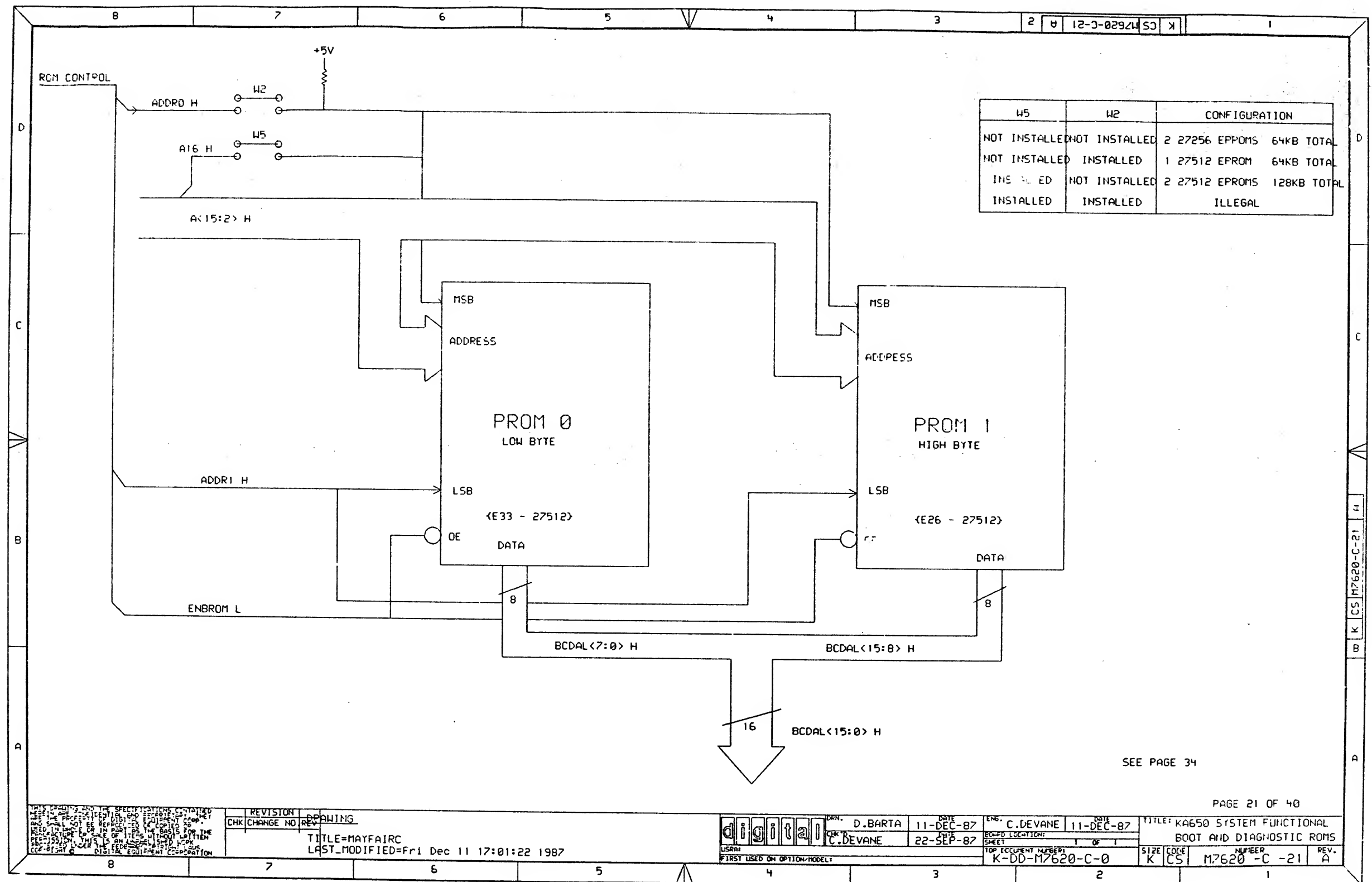


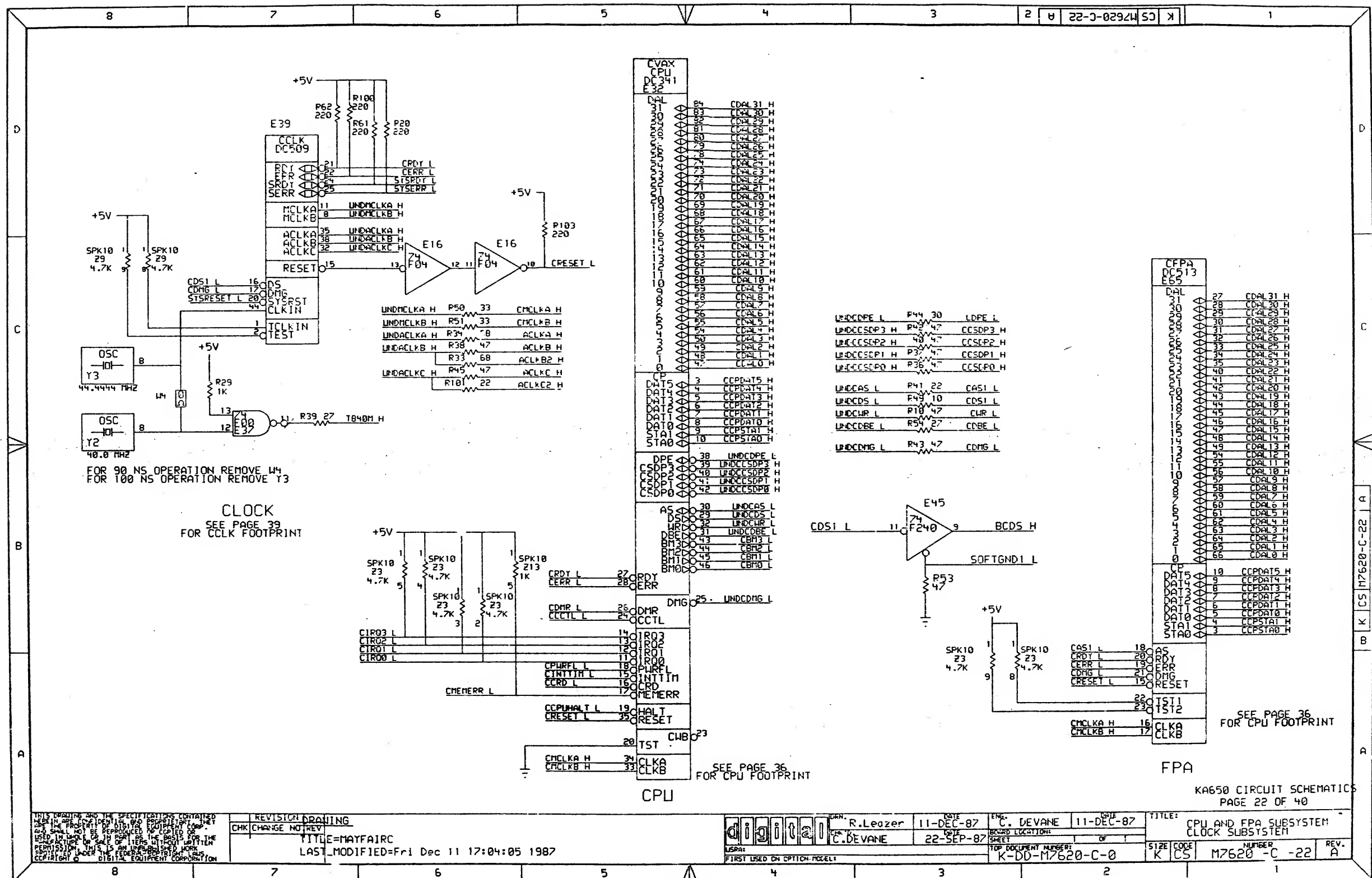


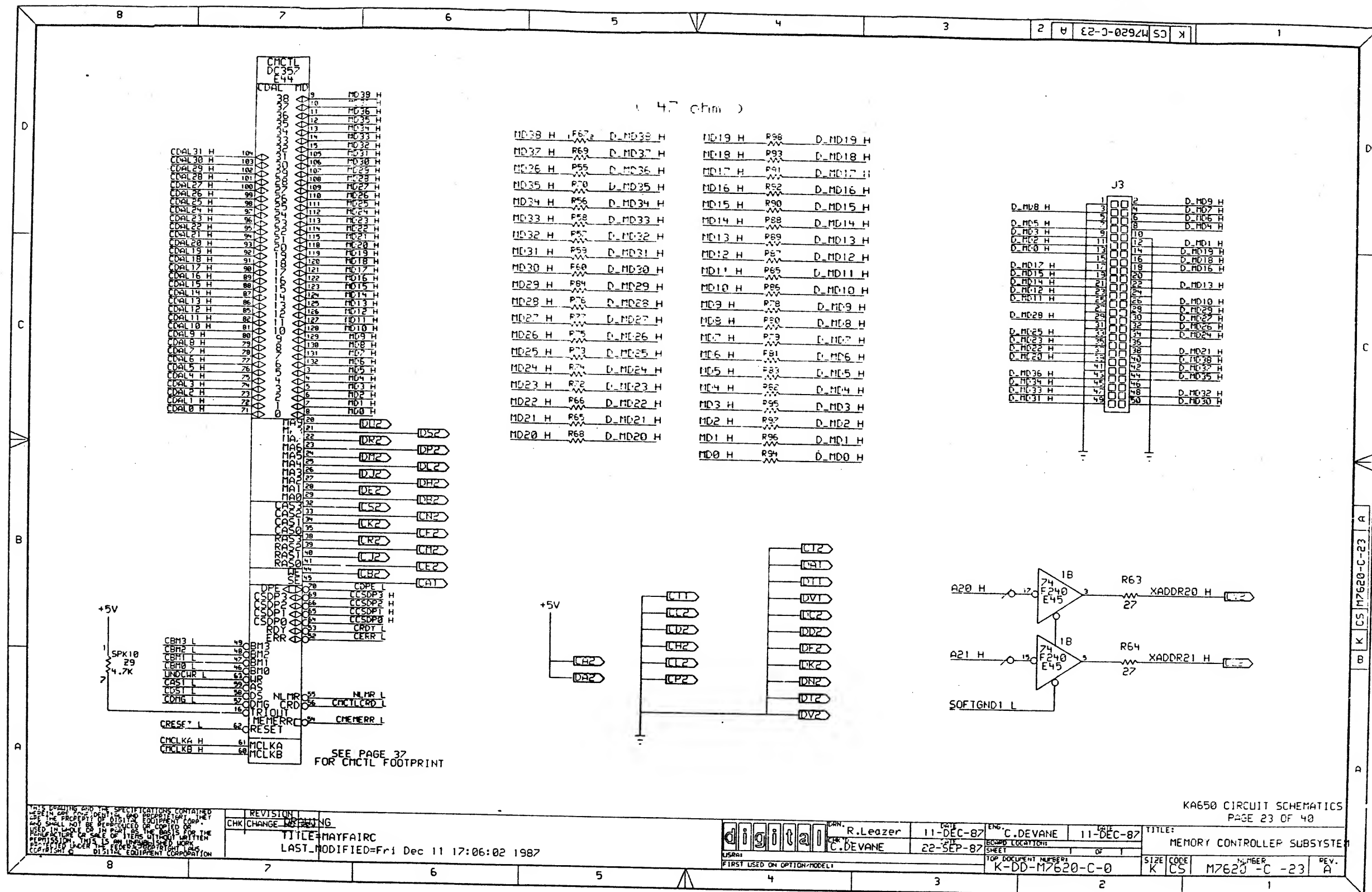


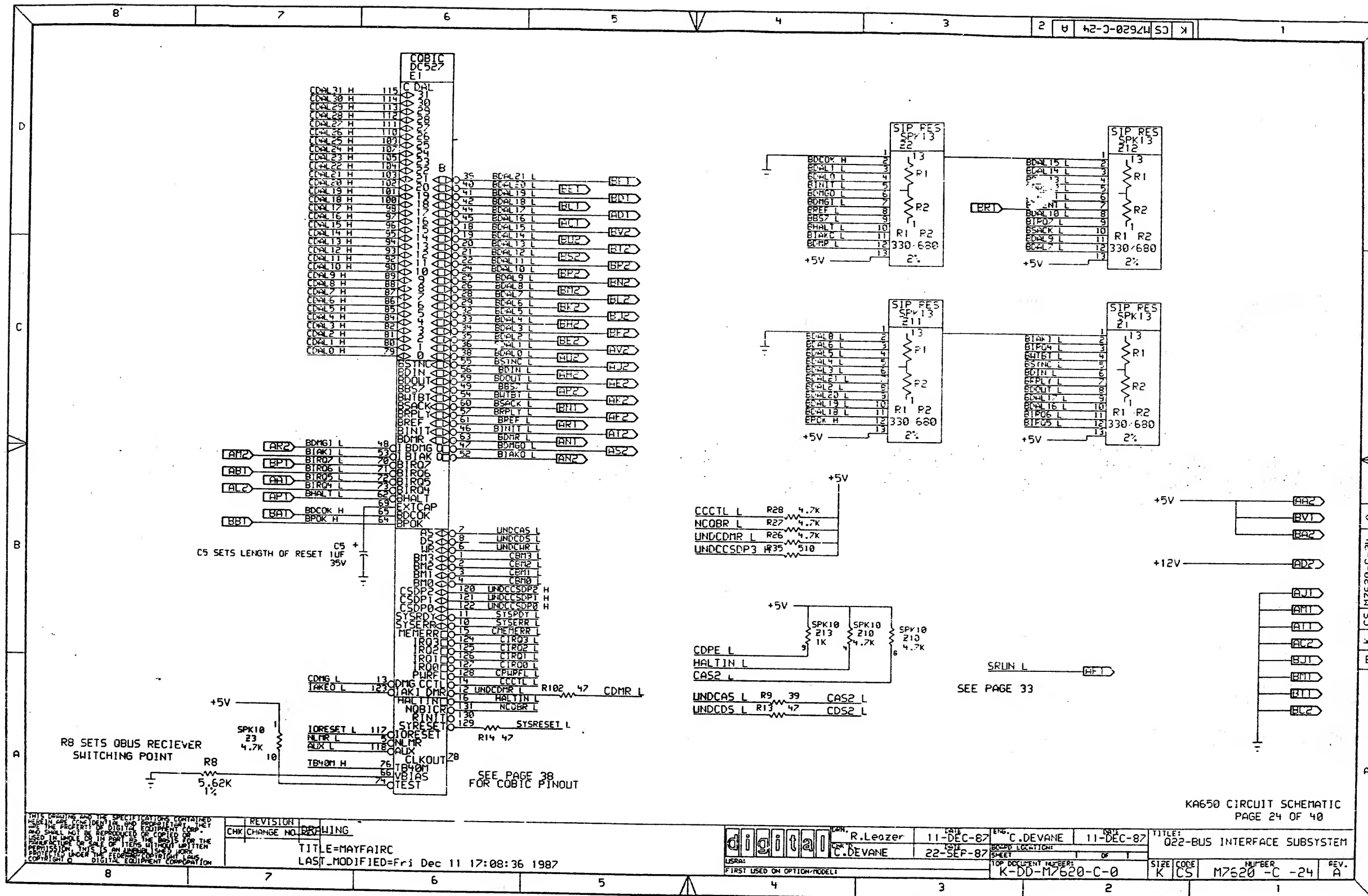


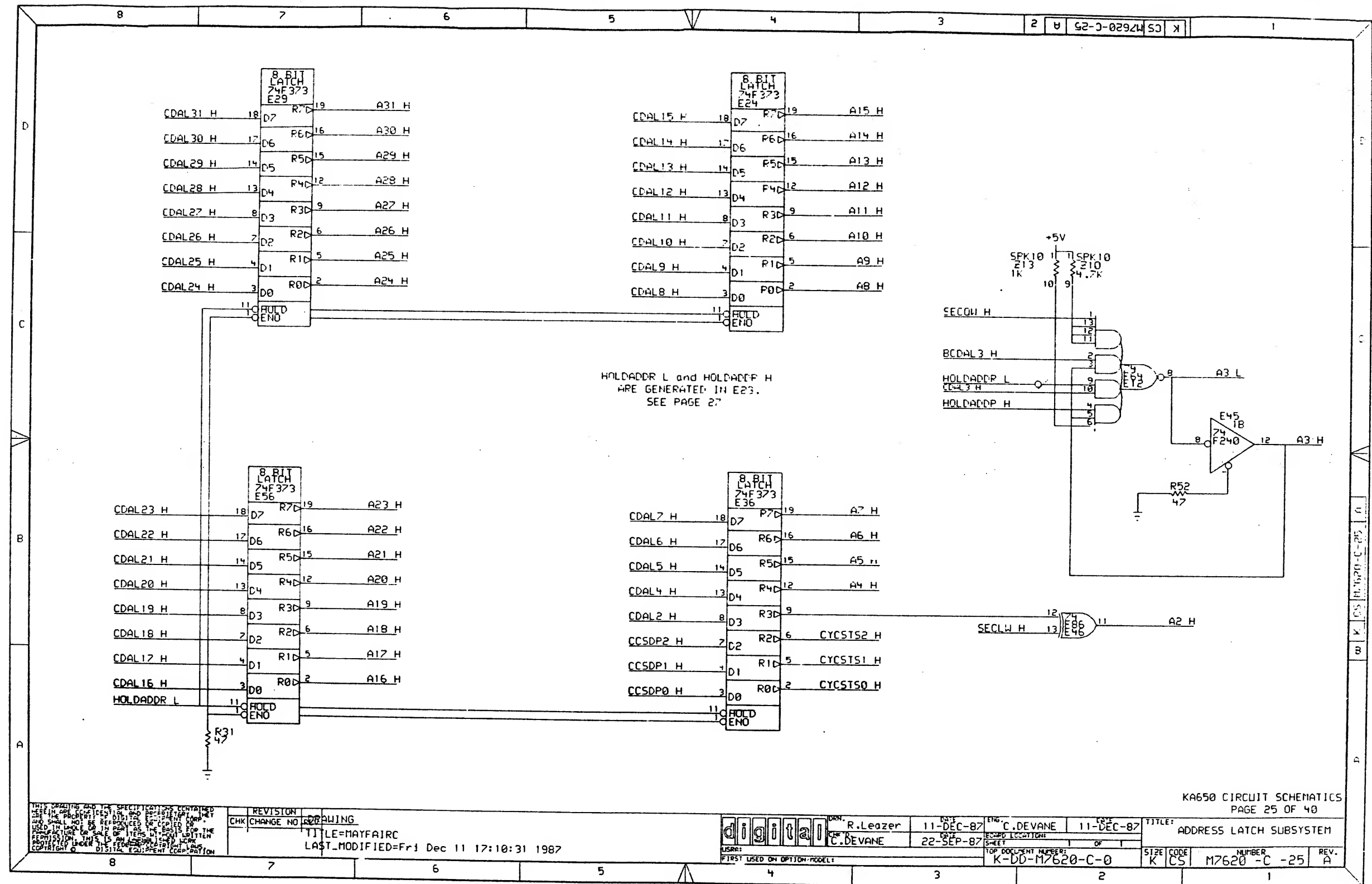


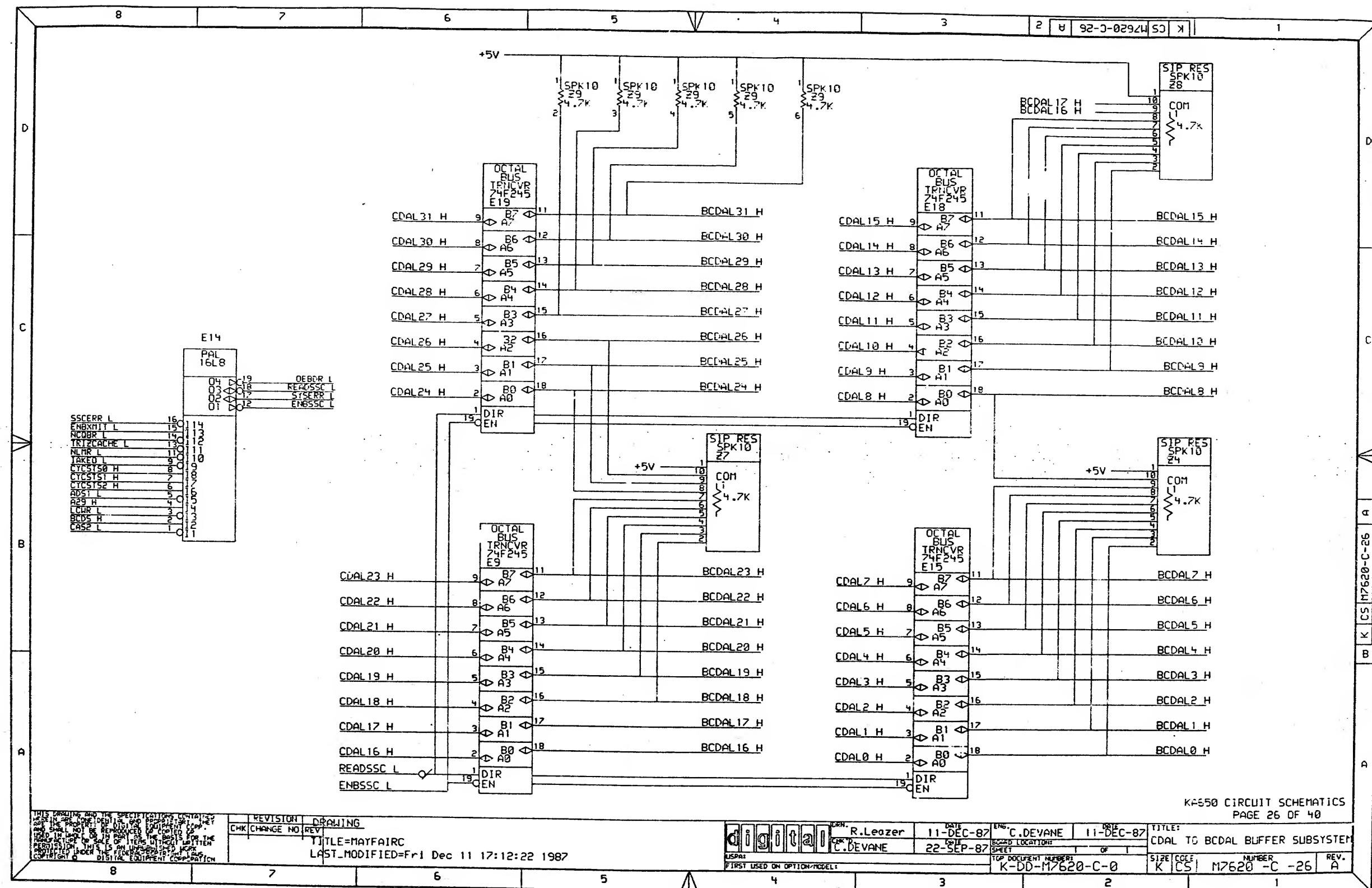












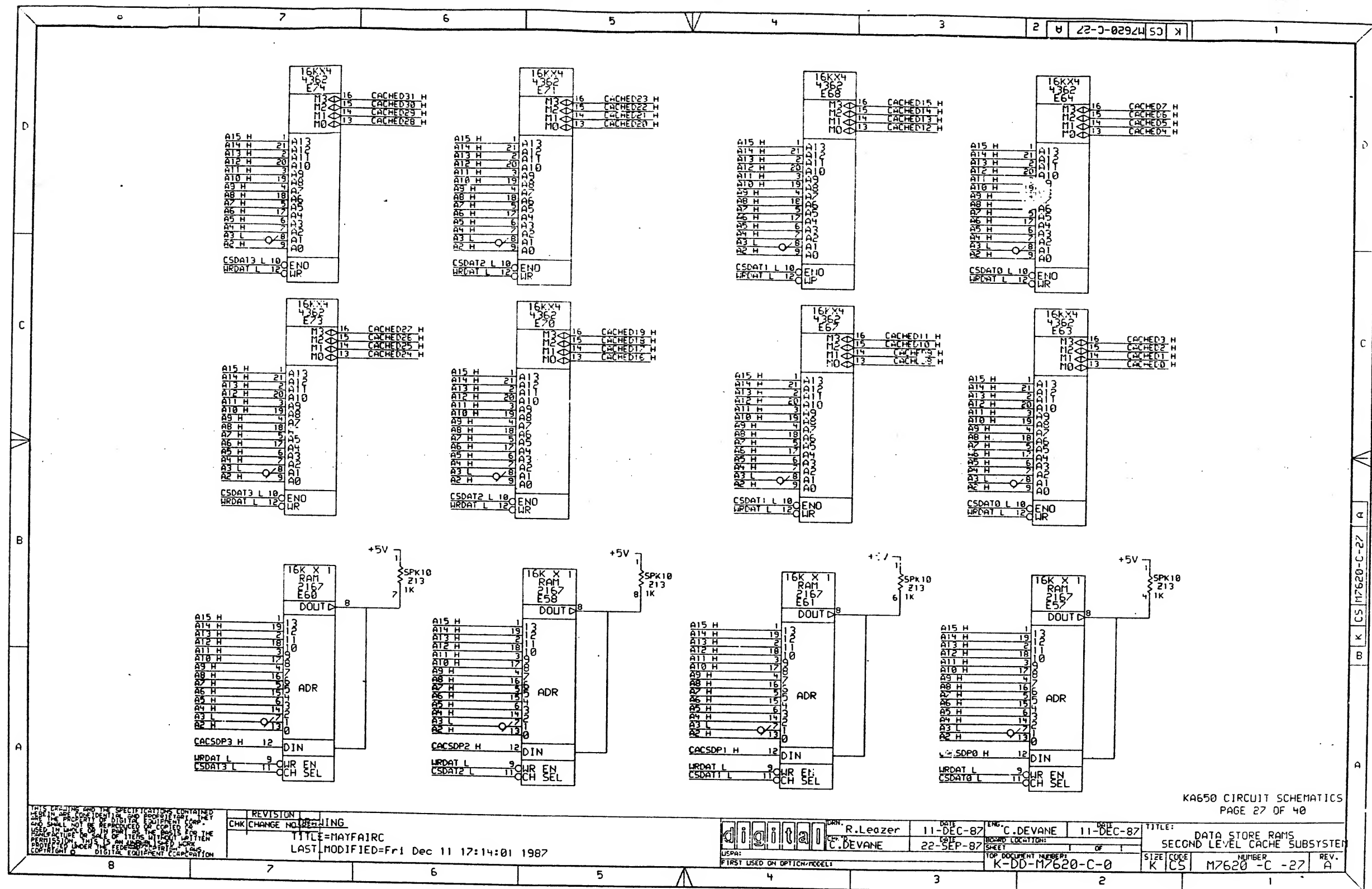
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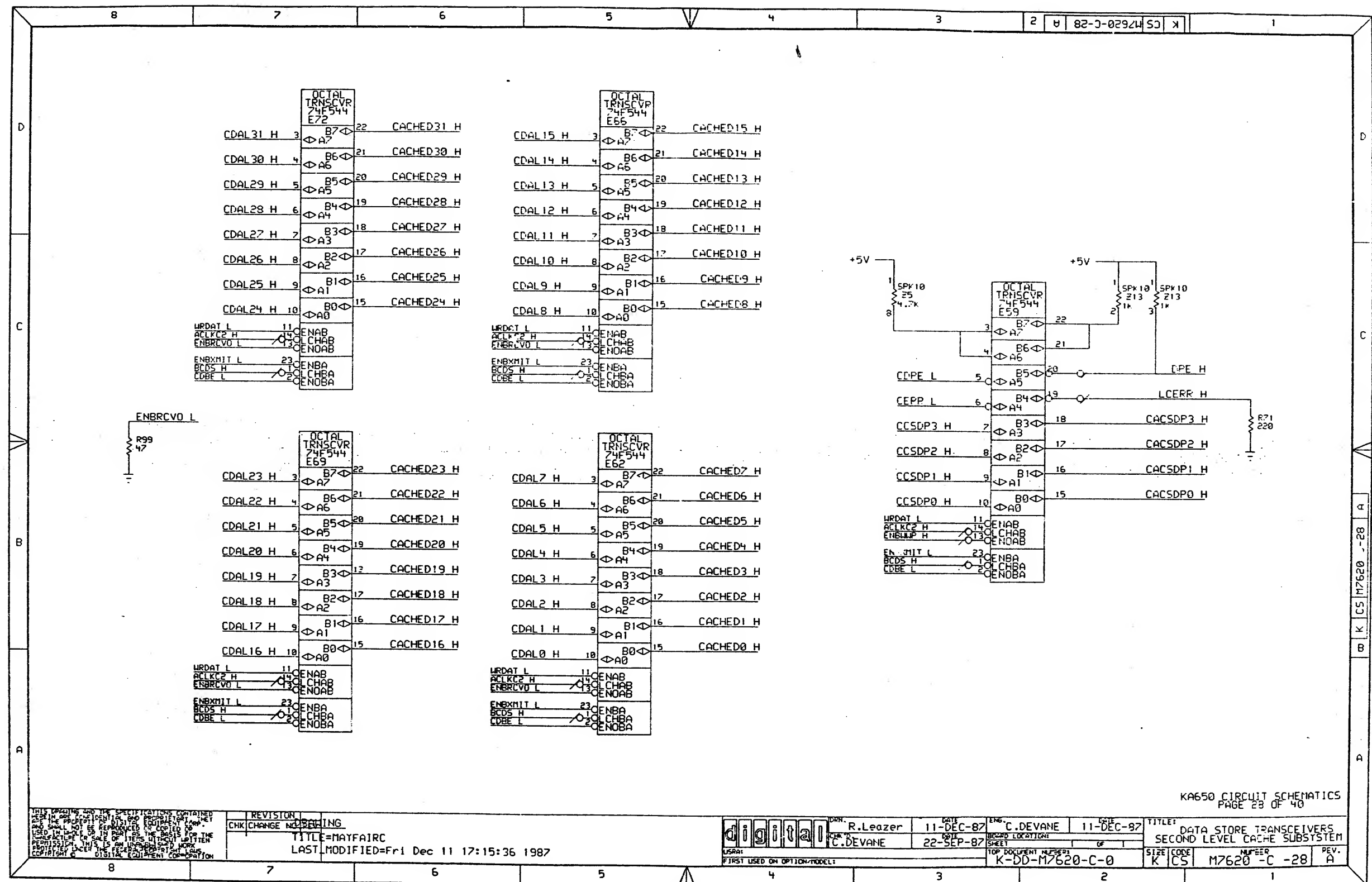
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CHK	CHANGE NO	REV
TITLE=MAYFAIRC		
LAST_MODIFIED=Fri Dec 11 17:12:22 1987		

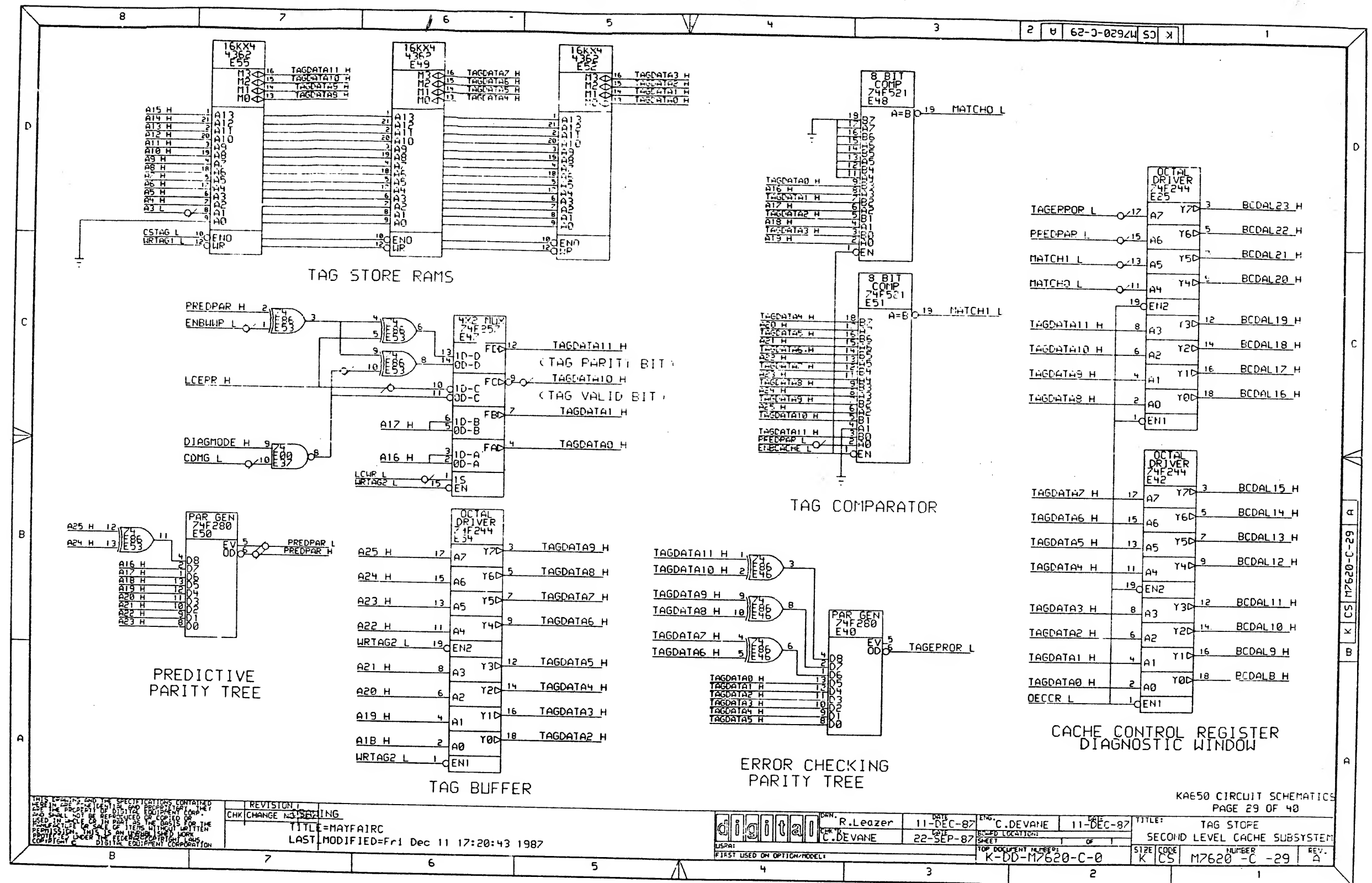
digital
FIRST USED ON OPTION MODEL:

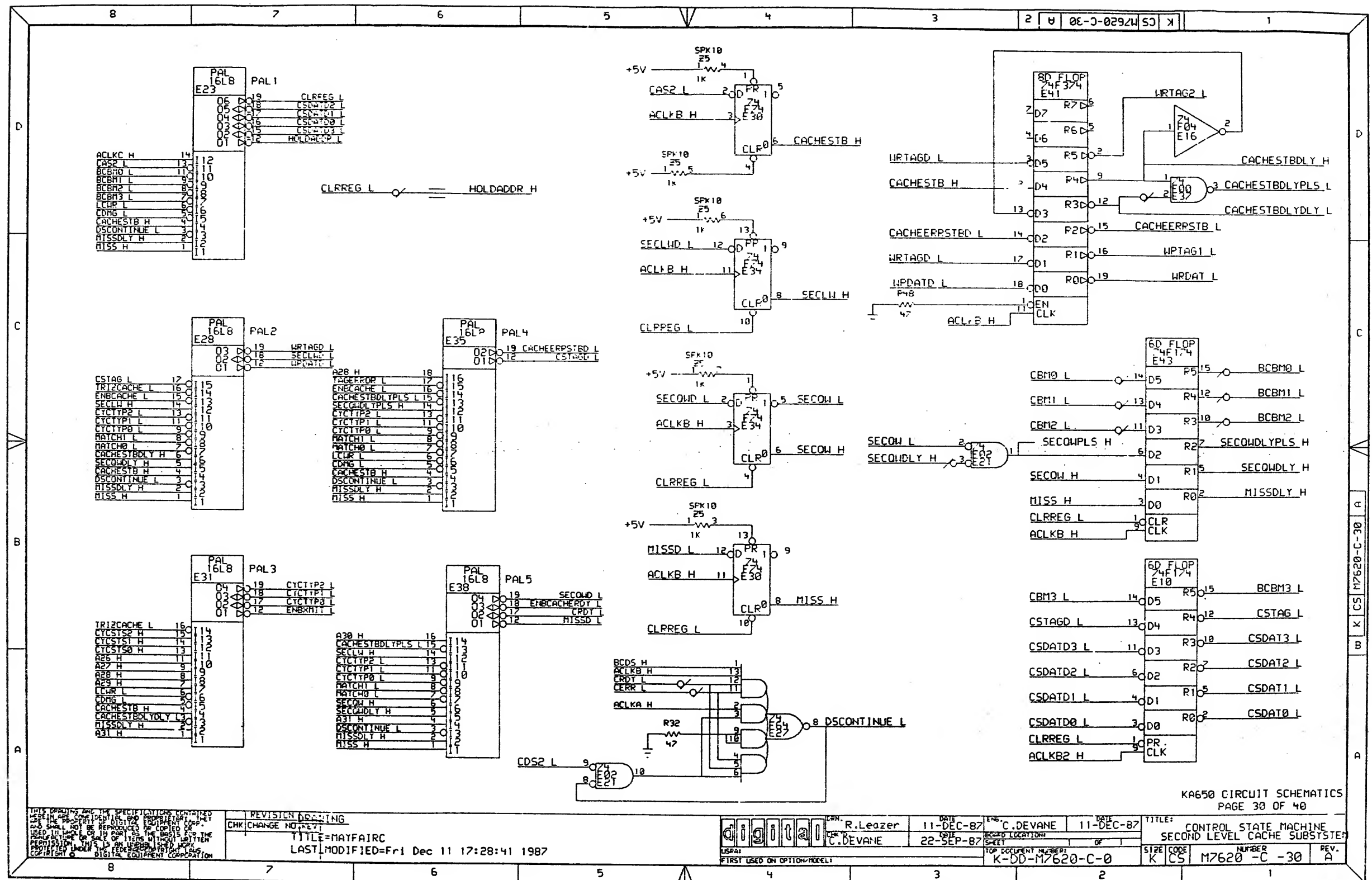
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K.D.	DEVANE	DATE	22-SEP-87	BOARD LOCATION:			
				SHEET	OF		
				TOP DOCUMENT NUMBER:			
				K-DD-M7620-C-0			

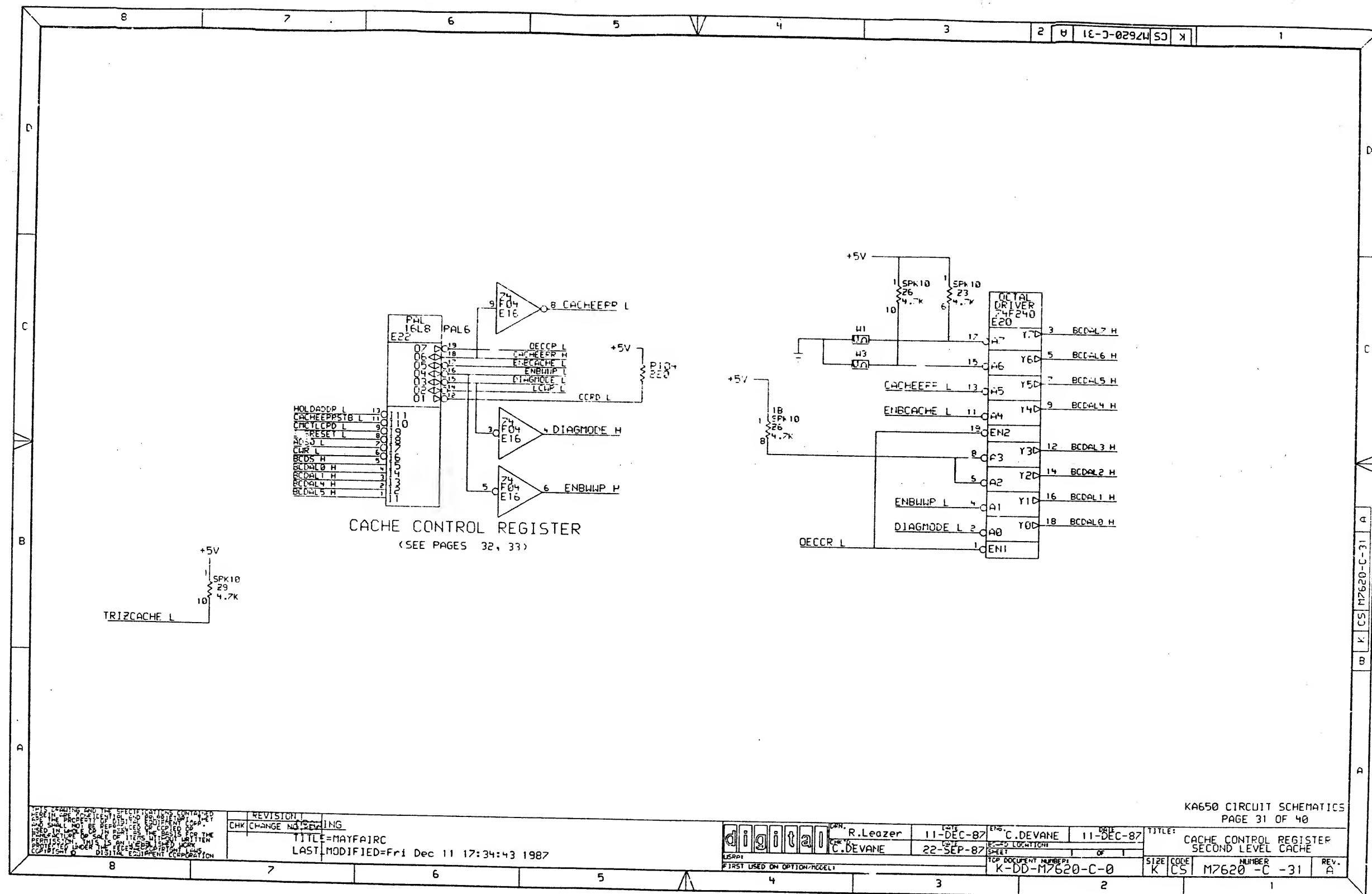
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SIZE	CODE	NUMBER	REV.				
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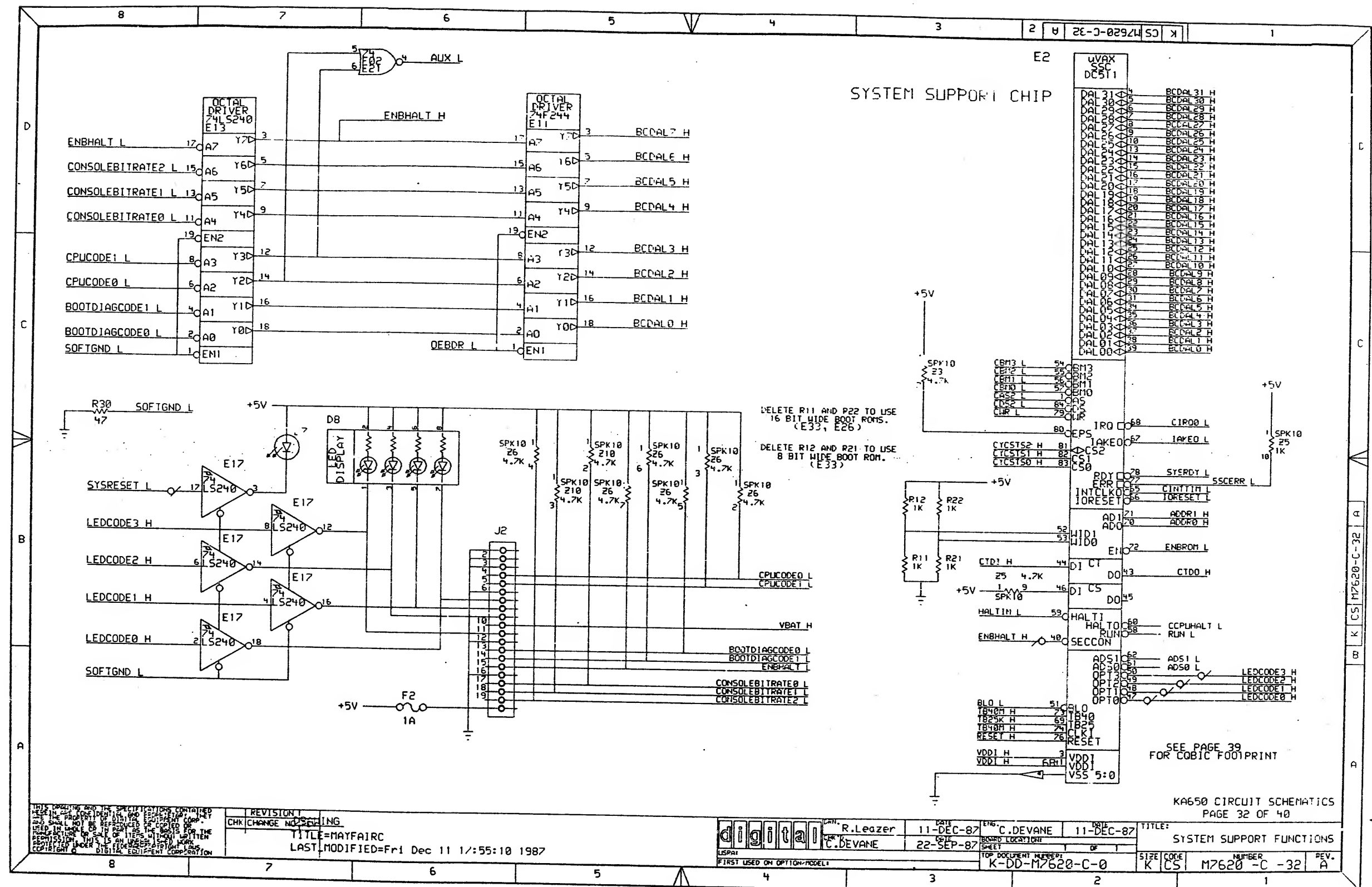


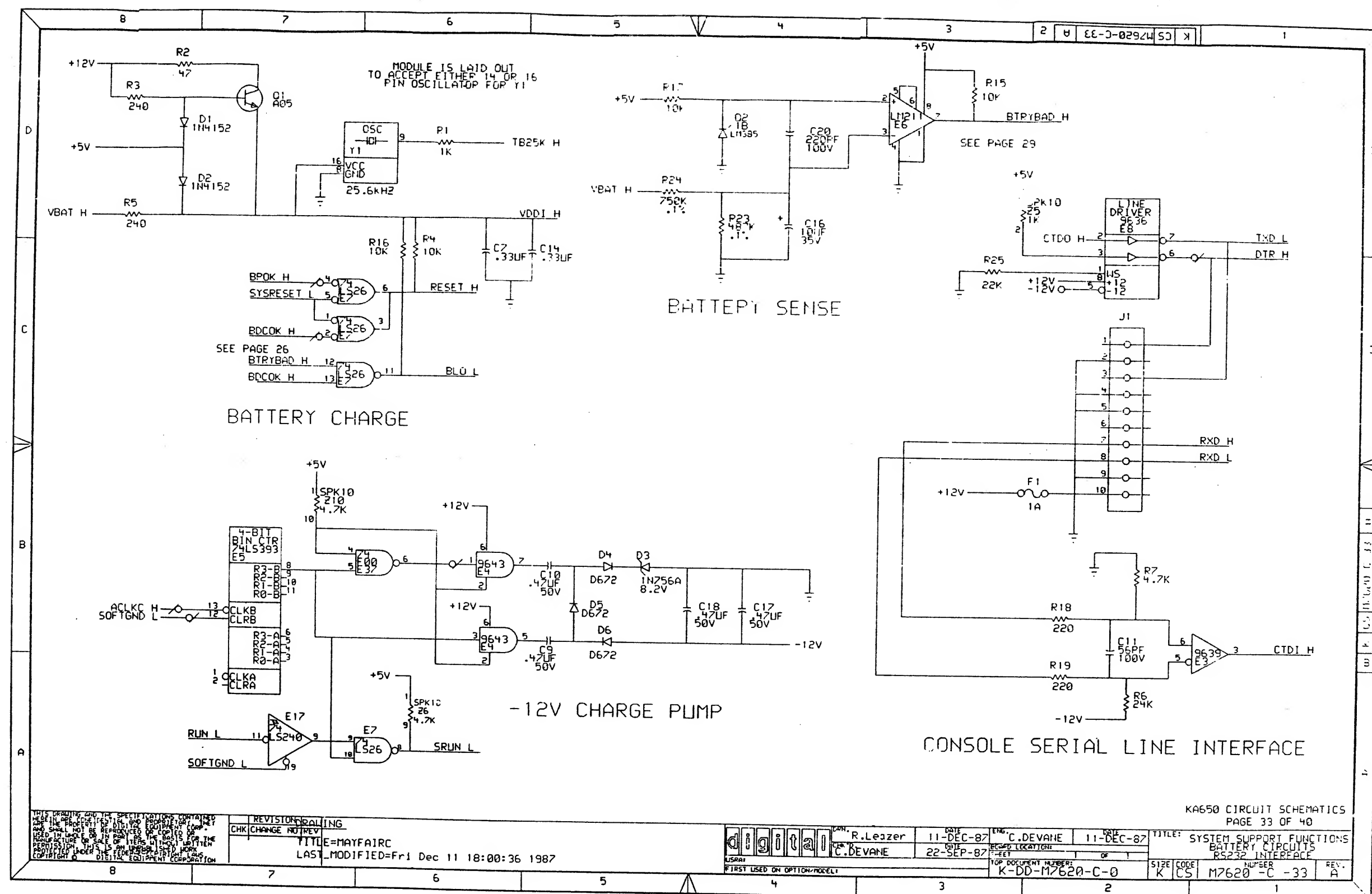


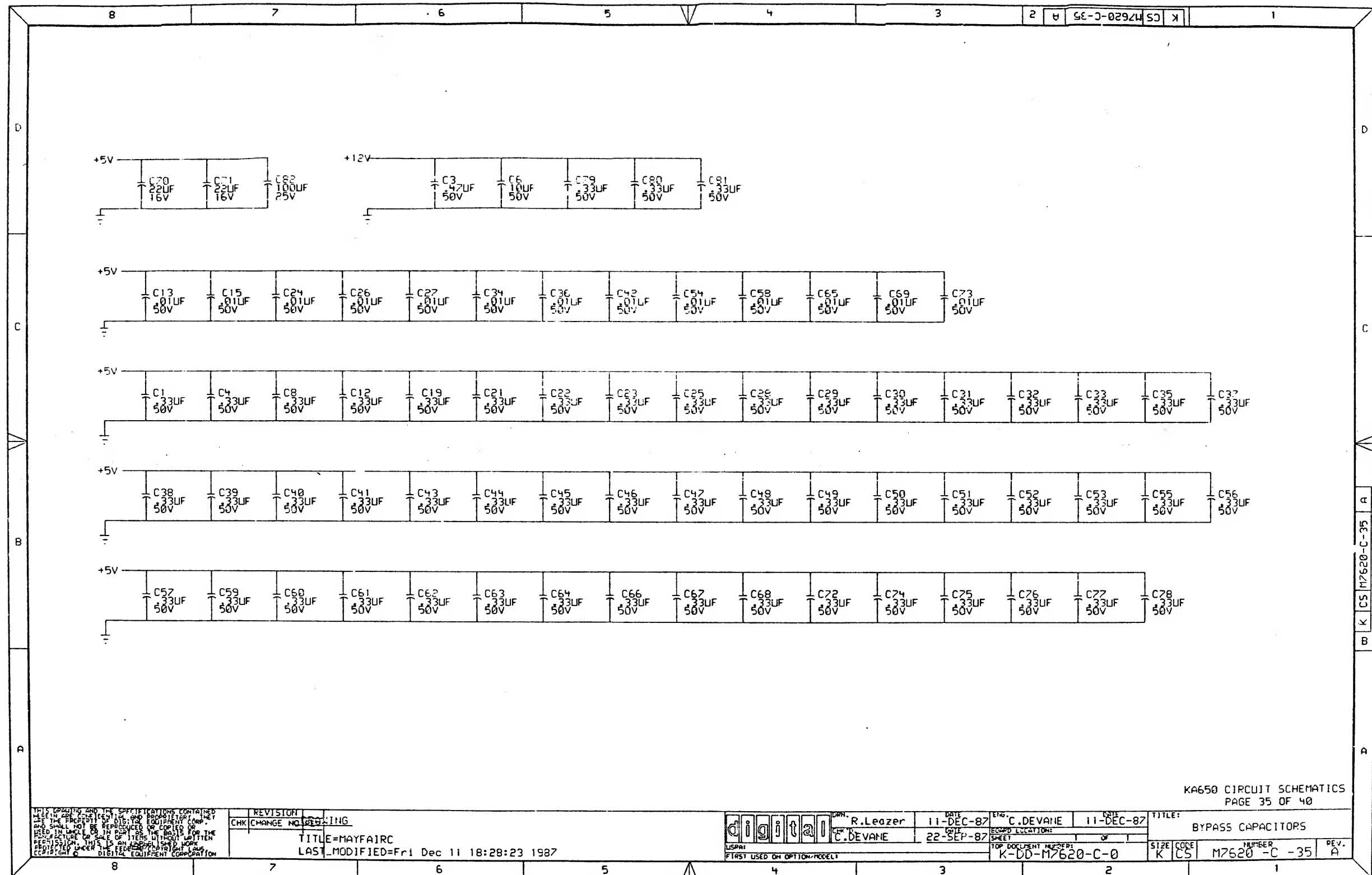


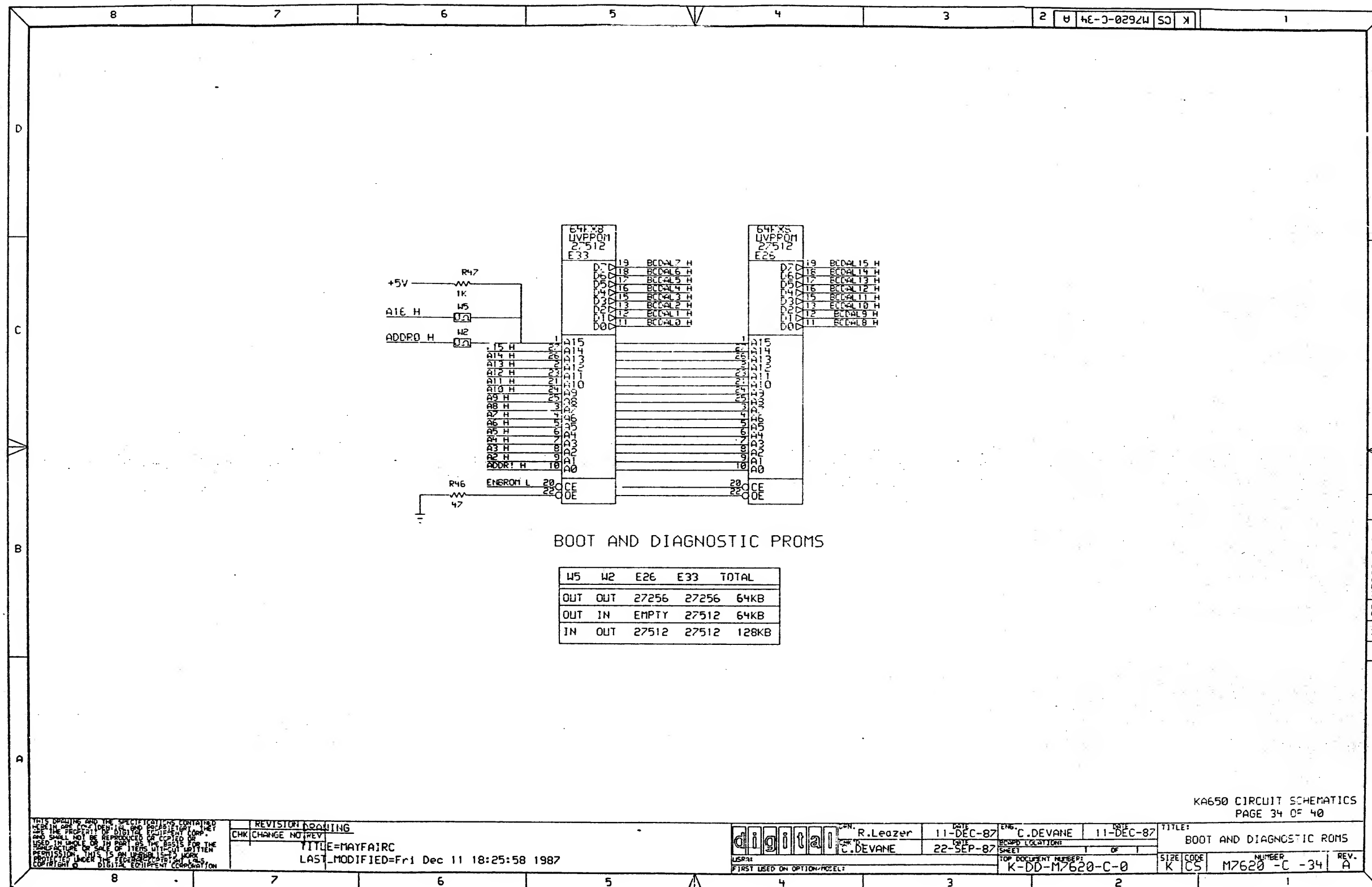












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REVISION DRAWING

CHK CHANGE NOT REV

TITLE=MAYFAIRC
LAST MODIFIED=Fri Dec 11 18:25:58 1987

digital
FIRST USED ON OPTION/ROZEL:

R.Leazer
C.DEVANE

11-DEC-87
22-SEP-87

C.DEVANE
C.DEVANE

11-DEC-87
11-DEC-87

TITLE:
SHEET

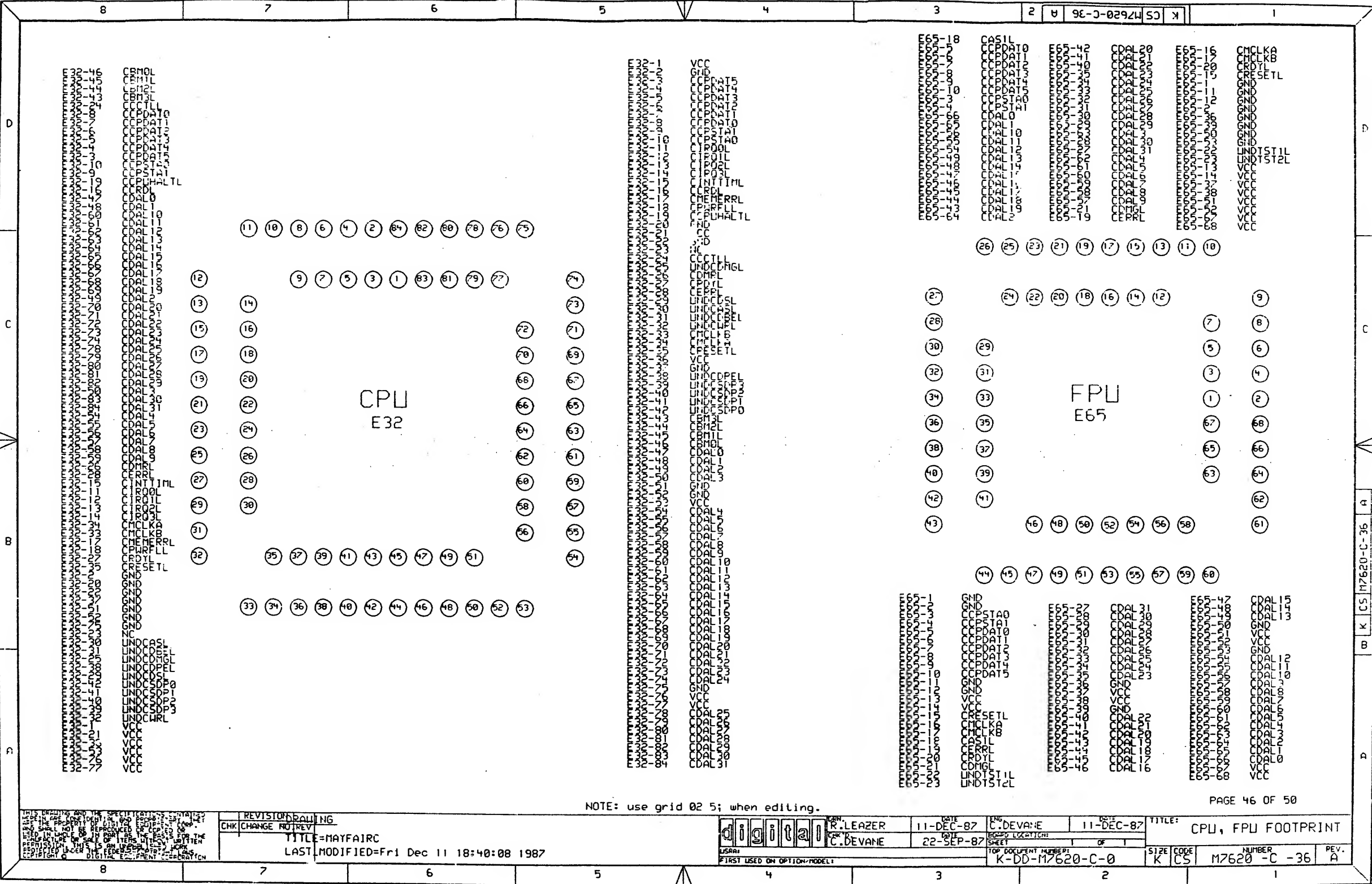
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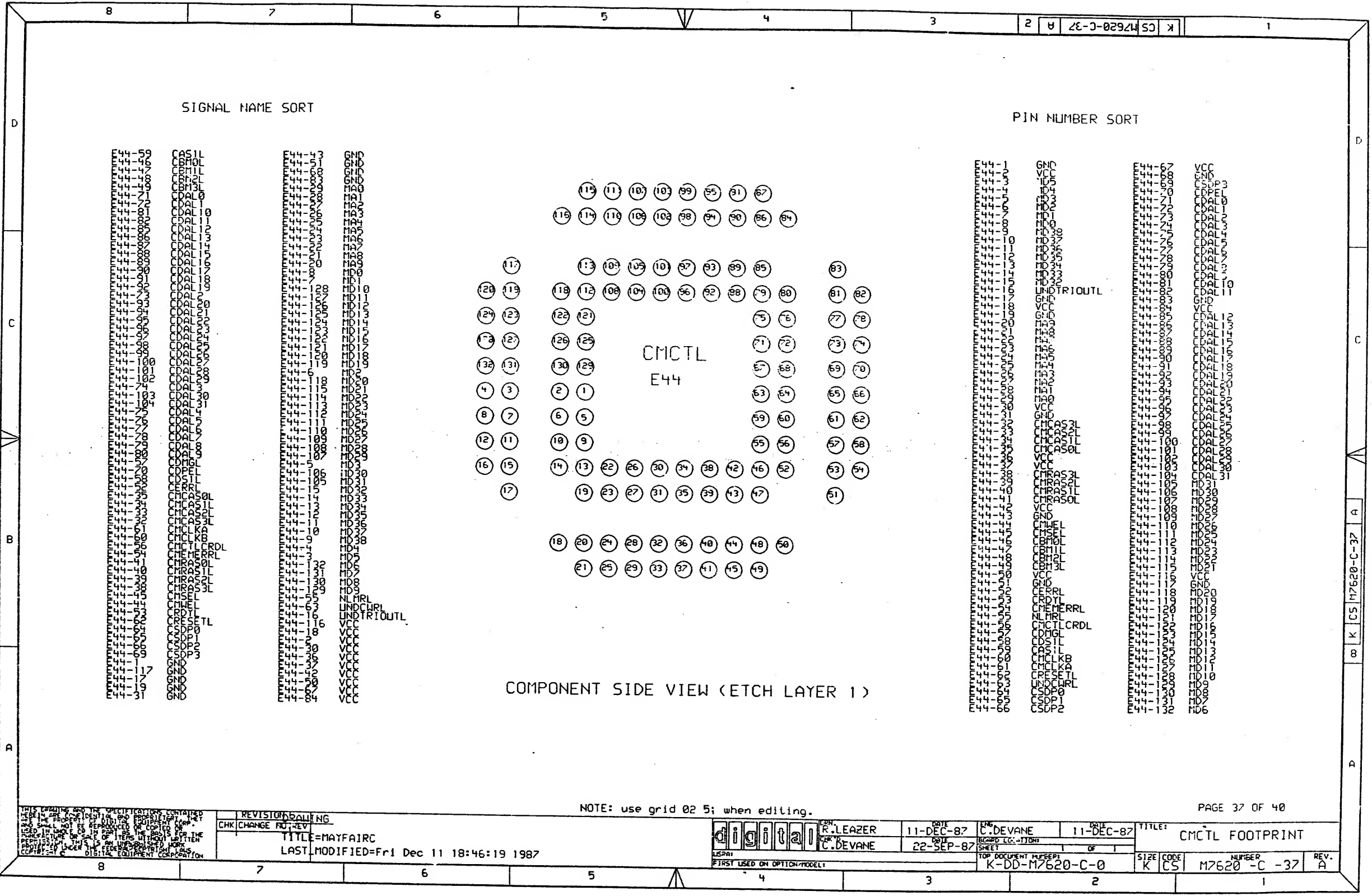
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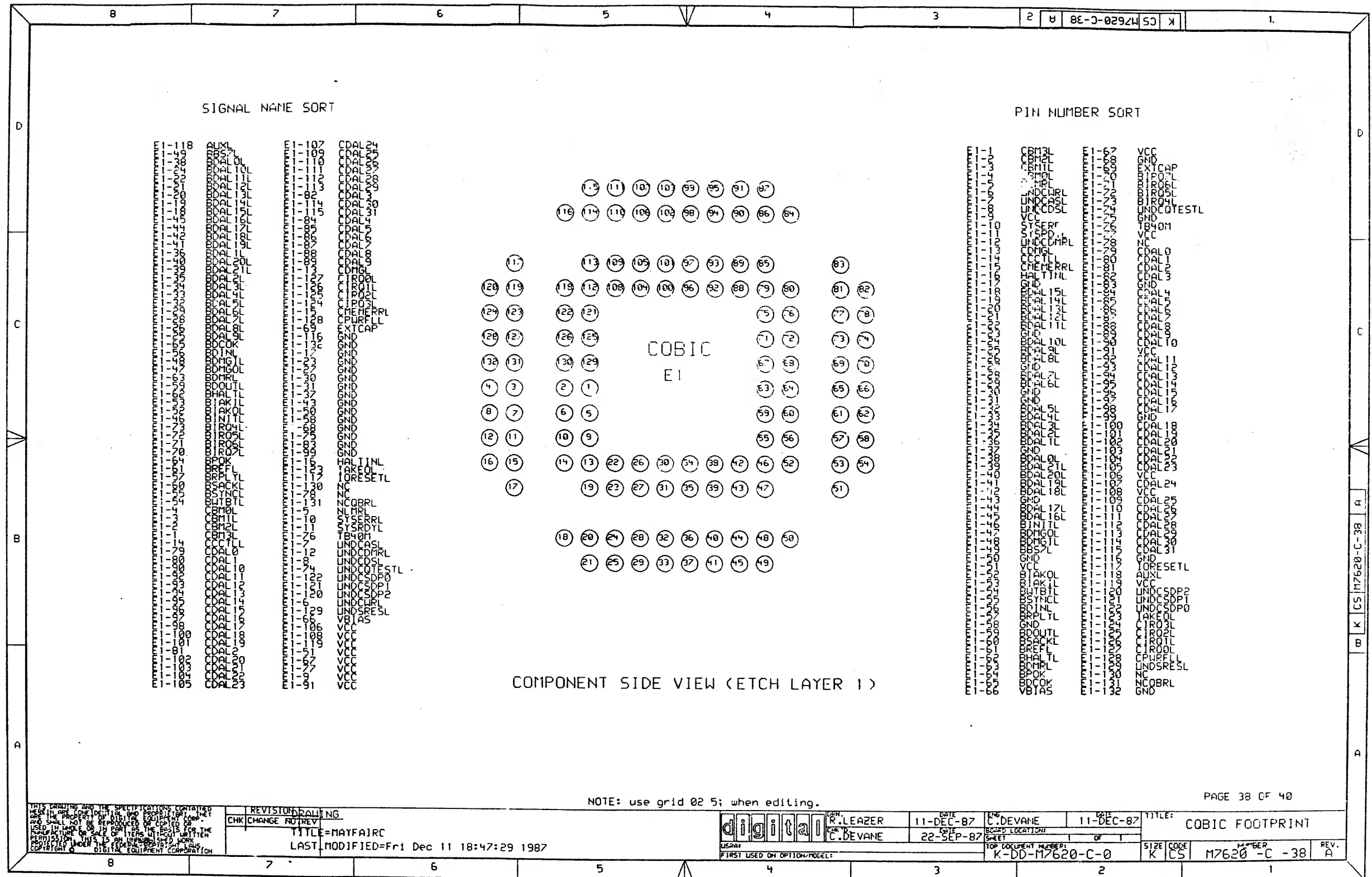
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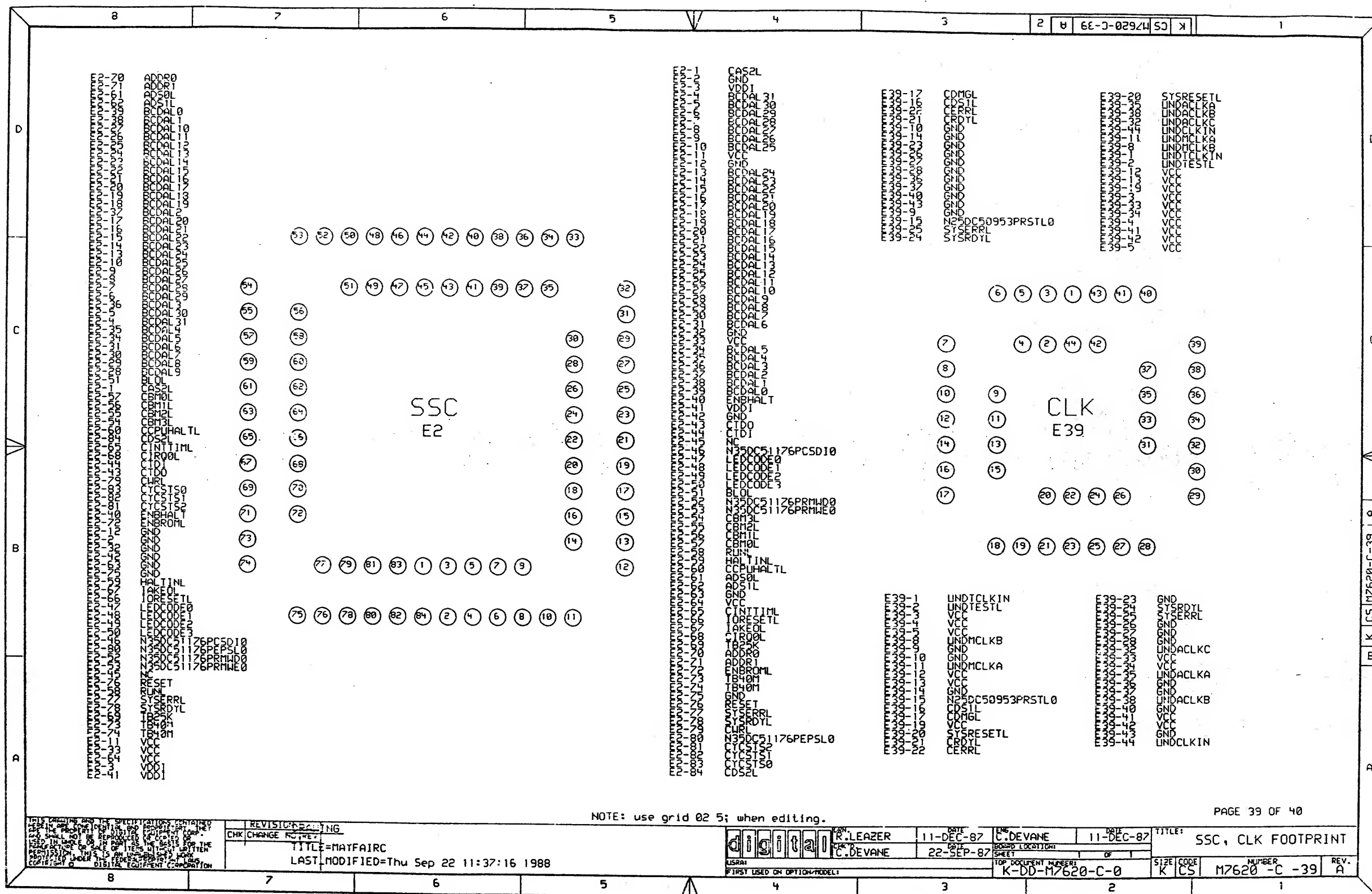
NUMBER
M7620 -C -34

REV.
A









NOTE: use grid 02 5; when editing.

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	LAST MODIFIED=Thu Sep 22 11:37:16 1988					
USDA		R. LEAZER		11-DEC-87		C. DEVANE
FIRST USED ON OPTION MODEL		C. DEVANE		22-SEP-87		
		TOP DOCUMENT NUMBER		K-DD-M7620-C-0		
		SHEET		OF		
		SIZE CODE		NUMBER		REV.
		K CS		M7620 -C -39		A

```

CWR CCSDP<2:0> (HEX)
L L reserved
L L reserved
L L external IPR write
L L reserved
L L reserved
L L write unlock
L L reserved
L L write (no unlock)
L L request D-stream read
L L reserved
L L external IPR read
L L interrupt acknowledge
L L request D-stream read
L L demand D-stream read lock
L L demand D-stream read modify intent
L L demand D-stream read (no lock or modify intent)
CSTAG - Chip Select TAG store: chip select lines for second level cache tag store chips.
CID1 - Console Terminal Data Input: input to console serial line unit.
CID0 - Console Terminal Data Output: output from console serial line unit.
CVAX - CMOS VAX.
CWR - CVAX Write: determines whether the current bus cycle is a read or write.
CSTS<2:0> - Cycle Status: latched from CCSDP<2:0>.
CTYPE<2:0> - Cycle Type: second level cache encoding of bus cycle type.
DIAGMODE - Diagnostic Mode: control bit in cache control register.
DMD<38:0> - Damped Memory Data bus: data path of interconnect between CMCTL and memory.
DSCONTINUE - Data Strobe CONTINUE: tells second level cache when to latch data at local location.
DTR - Data Terminal Ready: Signal available for use by RS232 console device.
ENBCACHE - Enable CACHE: control bit in cache control register.
ENBCACHEFDY - Enable CACHE PDY: enables second level cache's CFDY tristate output only inside PAL4, nowhere else on board.
ENEHALT - Enable HALT: when negated prevents console break or control/P from halting CVAX.
ENBPROM - Enable PROM: asserted by SSC during PROM unpacking.
ENBSSC - Enable SSC: enables BCDA bus transceivers.
ENBWR - Enable Write Wrong Parity: bit in cache control register.
ENEMMIT - Enable transXMIT: enables second level cache transceivers to drive 0 bus.
HALTIN - HALT Input: asserted by COBIC to halt CVAX (arbitrated by SSC).
HOLDADDR - HOLD ADDRESS: closes address latch.
IAKEF - Interrupt Acknowledge Enable Output: asserted by SSC to allow COBIC to r interrupt acknowledge cycles.
IORESET - Input Output RESET: asserted by SSC in response to a write to IPR 55.
IPR - Internal Process Register.
LCWR - Latched CWR Write: latched (de-glitched) version of CWR.
LED<CODE><3:0> - LED CODE: drives diagnostic LEDs.
MA<3:0> - Memory Address: multiplexed address from CMCTL for use by memory board.
MATCH<1:0> - MATCH: asserted by second level cache tag store to indicate a cache hit.
MD<38:0> - Memory Data bus: data path of interconnect between MCTL and main memory.
MISS: asserted during second level cache miss, except during DMA when it is asserted during a cache hit.
NCOBIR - Not COBIC Reference: asserted when a bus cycle address is not for the COBIC.
NLMBR - Not Local Memory Reference: asserted when a bus cycle address is not for CMCTL.
OEBDR - Output Enable Boot/Diagnostic Register: enables boot/diagnostic register reading.
OECPR - Output Enable Cache Control Register: enables cache control register for REDPAR.
REDPAR - Predictive PARITY: output of parity tree used to speed up tag checks.
READSSC - READ SSC: controls direction of BCDA bus transceivers. When asserted, the transceivers drive from BCDA to CDAL.
RESET: asserted to reset the SSC chip.
RUN: asserted by SSC when CVAX is not executing out of halt protected ROM space.
SECLW - Second LongWord: asserted by the second level cache to toggle A2 H during second half of a CVAX quadword read.
SECQW - Second QuadWord: asserted by the second level cache to assert A3 during second half of a hexword or octaword DMA write.
SSC - System Support Chip.
SYSERR - System Error: asynchronous error, asserted to abort or (when asserted together with SYSRDY L) retry a CDAL bus cycle.
SYSRDY - System Ready: asynchronous ready, asserted to terminate or (when asserted together with SYSERR) retry a CDAL bus cycle.
SYSRESET - System RESET: asserted by COBIC to reset the entire board. Length is set by timing capacitor C1. Synchronized by CLK to form CRESET L.
TAGDATA<11:0> - data bus inside the second level cache tag store. TAGDATA<10> is a valid bit, TAGDATA<11> is the parity bit.
TAGERR - output of second level cache parity checking tree.
TBCH - Time Base 60 KHz: 25.6 KHz time base for time-of-year clock.
TB40M - Time Base 40 Mhz: 40MHz time base for timers, console serial line, etc., and for bus interface and COBIC.
TRZCACHE: tristates PAL outputs when asserted.
VBAT - Voltage (Battery): connection to external battery.
VBIAS - Voltage (BIAS): voltage to set internal bias in COBIC 0bus transceivers.
VDDI - Voltage (Drain) Internal: battery-backed power supply for SSC.
WRDAG - Write Data store: write line for second level cache data store RAM chips.
WRTAG - Write TAG store: write line for second level cache tag store RAM chips.
XADDR<21:20> - extended ADDRESS: extra address lines used by 8MB memory boards.

```


- | DRAWING NO. | | PART NO. | | TITLE | |
|--|----------|----------|---------|---------|---------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
AND THE FOLLOWING TOLERANCES APPLY PER DEC STD 1-1971 | | | | | |
| DIMENSIONS GIVEN IN INCHES | | | | | |
| FRACTIONS | DECIMALS | PLUS | MINUS | PLUS | MINUS |
| 0.0001 | 0.0005 | 0.0001 | 0.0005 | 0.0001 | 0.0005 |
| 0.001 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 |
| 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 |
| 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 |
| 0.250 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 |
| 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 |
| 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 2.000 | 2.000 | 2.000 | 2.000 | 2.000 | 2.000 |
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| 5.000 | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 |
| 6.000 | 6.000 | 6.000 | 6.000 | 6.000 | 6.000 |
| 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 |
| 8.000 | 8.000 | 8.000 | 8.000 | 8.000 | 8.000 |
| 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 |
| 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |
| 15.000 | 15.000 | 15.000 | 15.000 | 15.000 | 15.000 |
| 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |
| 25.000 | 25.000 | 25.000 | 25.000 | 25.000 | 25.000 |
| 30.000 | 30.000 | 30.000 | 30.000 | 30.000 | 30.000 |
| 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 |
| 40.000 | 40.000 | 40.000 | 40.000 | 40.000 | 40.000 |
| 45.000 | 45.000 | 45.000 | 45.000 | 45.000 | 45.000 |
| 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |
| 55.000 | 55.000 | 55.000 | 55.000 | 55.000 | 55.000 |
| 60.000 | 60.000 | 60.000 | 60.000 | 60.000 | 60.000 |
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| 70.000 | 70.000 | 70.000 | 70.000 | 70.000 | 70.000 |
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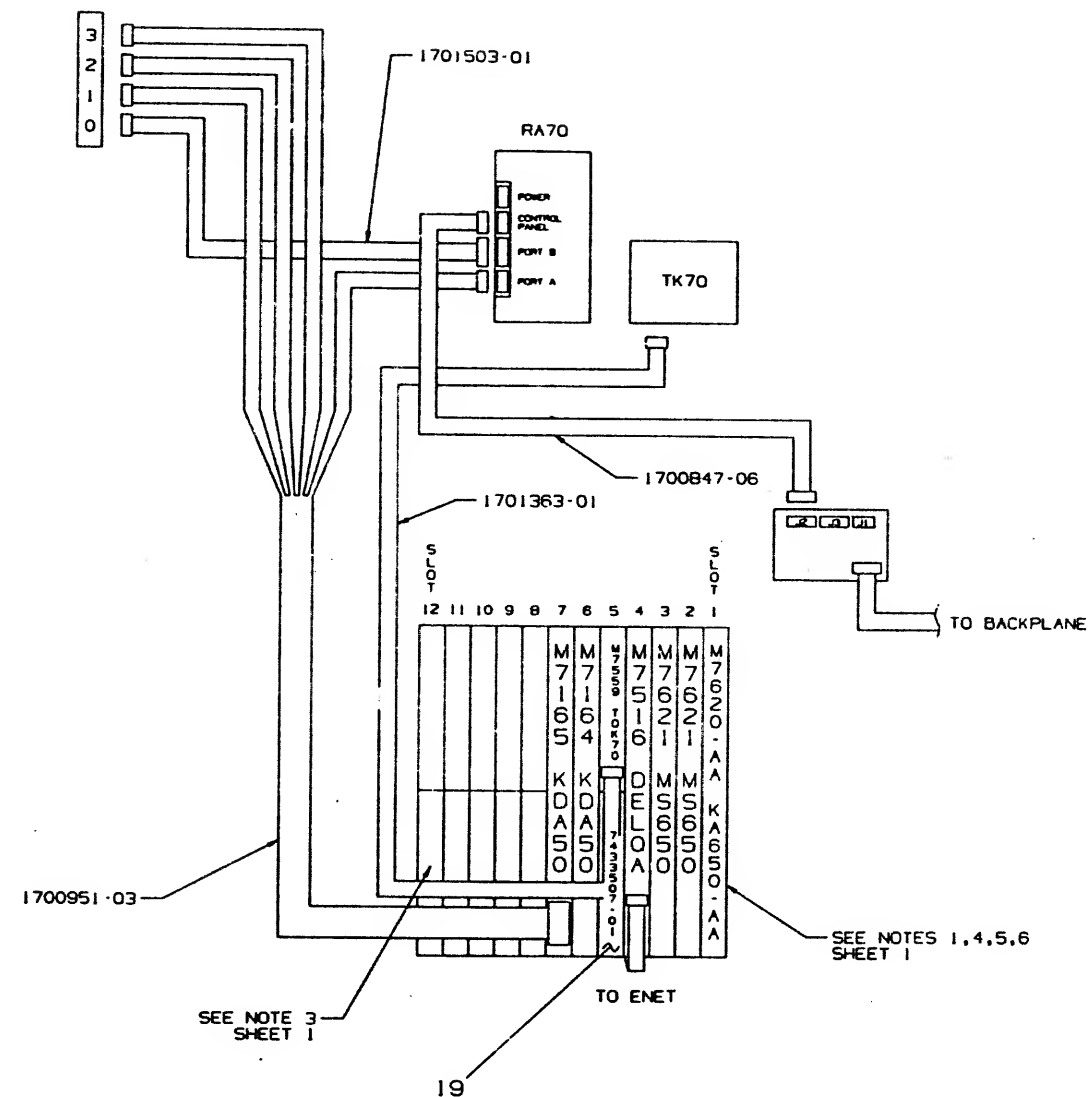
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SLOT 1	O-BUS (11)	C D
2	O-BUS (12)	C D
3	O-BUS (13)	C D
4	O-BUS (14)	C D
5	O-BUS (15)	C D
6	O-BUS (16)	C D
7	O-BUS (17)	C D
8	O-BUS (18)	C D
9	O-BUS (19)	C D
10	O-BUS (110)	C D
11	O-BUS (111)	C D
SLOT 12	O-BUS (112)	C D

BACKPLANE
MODULE SIDE



PLOT AT .5000

REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE MICROVAX 3500
STD PEO SYSTEM
1VMS1

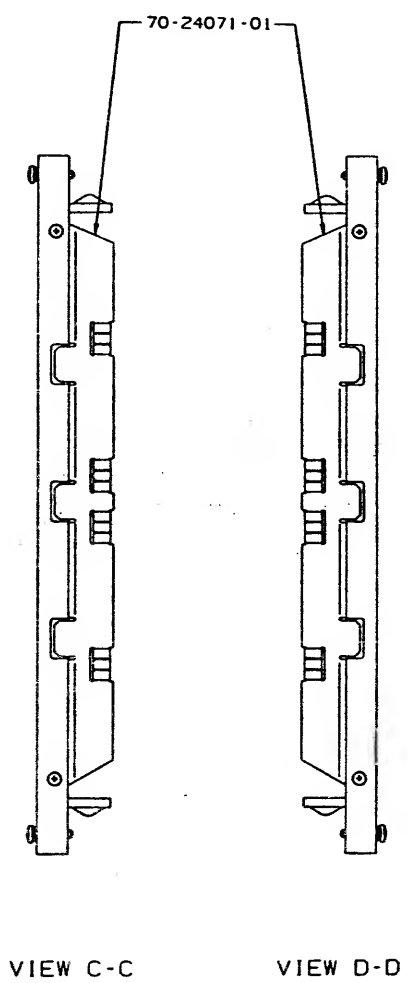
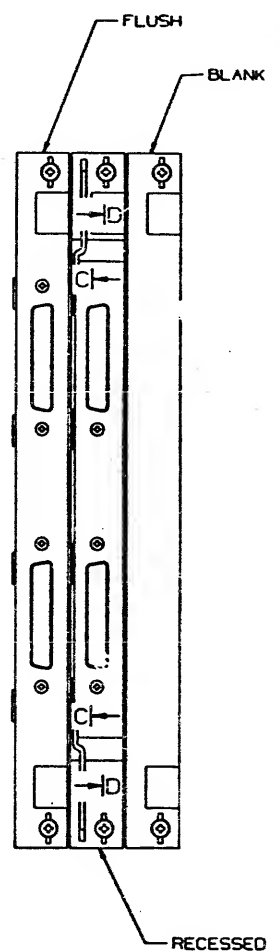
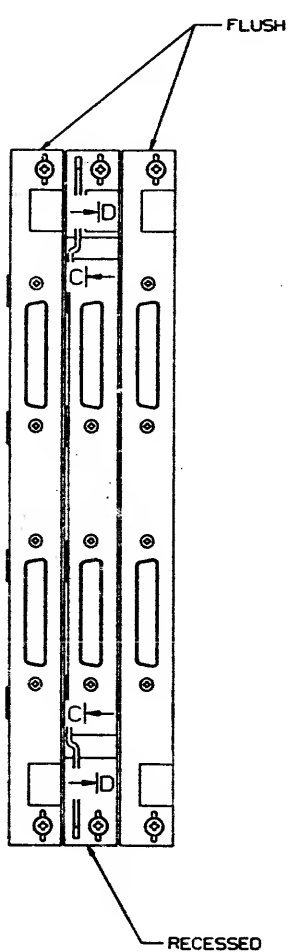
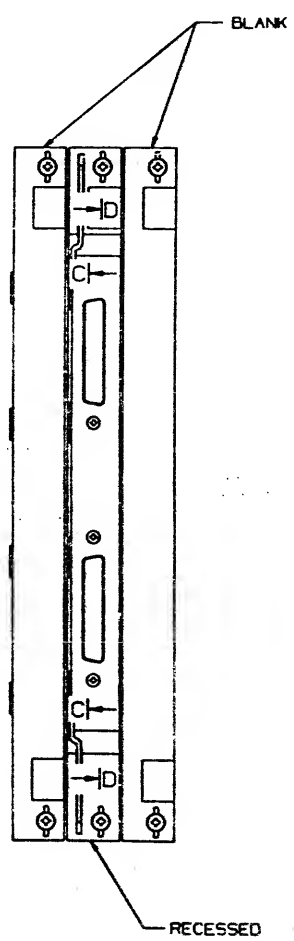
DOCUMENT NUMBER
EUA DV35011-0-DBU
SCALE 1/2 INCH = 1 FOOT
REV C
MLO1

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POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

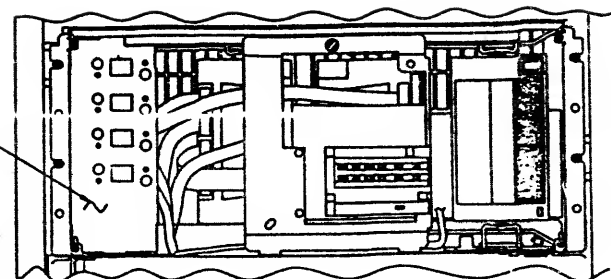
PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE MICROVAX 3500 STD PED SYSTEM (VMS)		DOCUMENT NUMBER EUA 0V350T1-0-00J		REV C
SCALE 1/2" = 1"		SHEET 3 OF 3		MLO1

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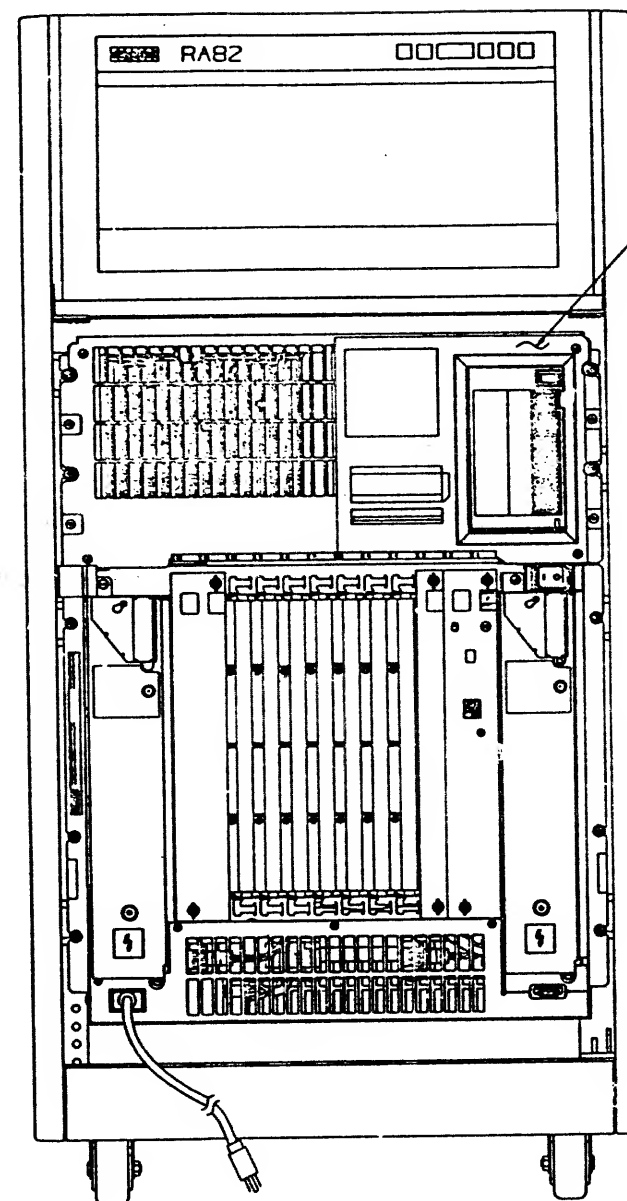
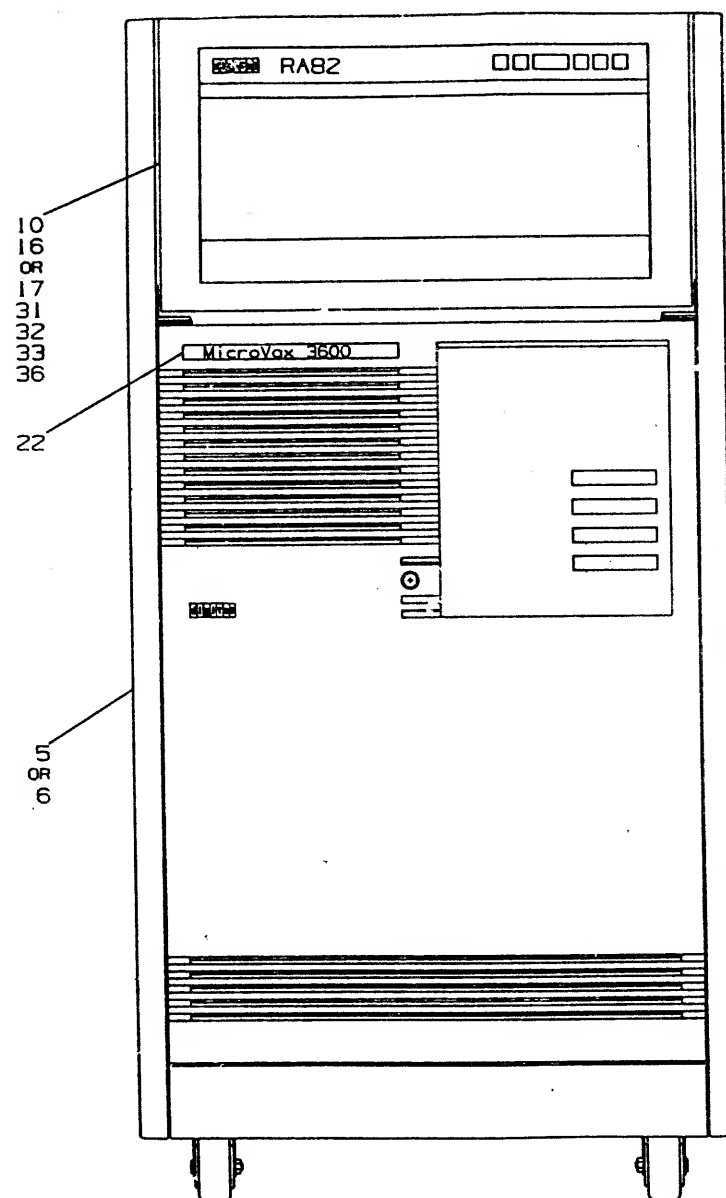
DIST. PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT PANEL REMOVED

PART NO.	REV	VARIATION
DV380T1-A2	A1	SEE PARTS LIST
DV380T1-A3	A1	SEE PARTS LIST
DV380T1-A4	A1	SEE PARTS LIST
DV380T1-A5	A1	SEE PARTS LIST
DV380T1-AA	A1	SEE PARTS LIST
DV380T1-AE	A1	SEE PARTS LIST

1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (KERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS DEPENDENT ON CUSTOMER CONFIGURATION.
2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
3. DEPENDENT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOT 6 AND 7.)
5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (7024071-01) MUST BE USED (SEE SHEET 3)
6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES A1 & A4 WITHIN REAR OF CPU CABINET.



VIEW WITH FRONT DOOR REMOVED

PLOT AT: .500
FILE NAME: DV360T1-O-DBUC

CAUTION: OFF SHEET PARTS LIST EXISTS
REFER TO K-PL-DV360T1-O-DBP
(MLA1951)

[illegible]

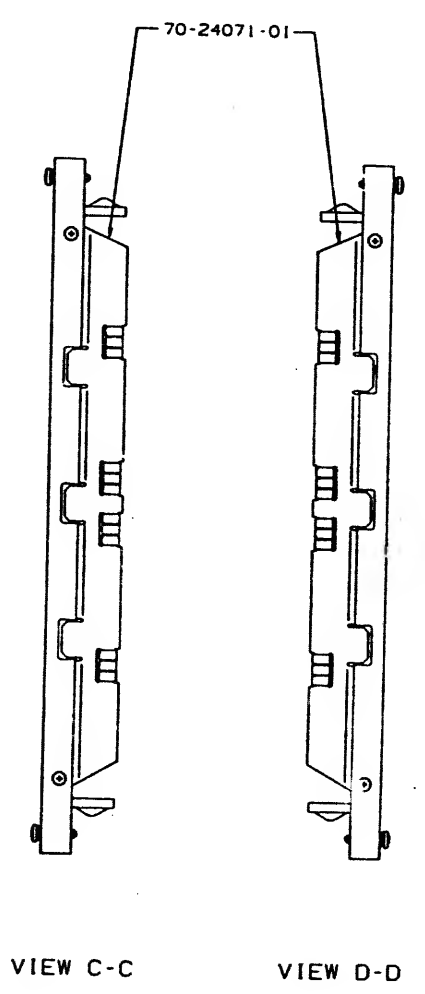
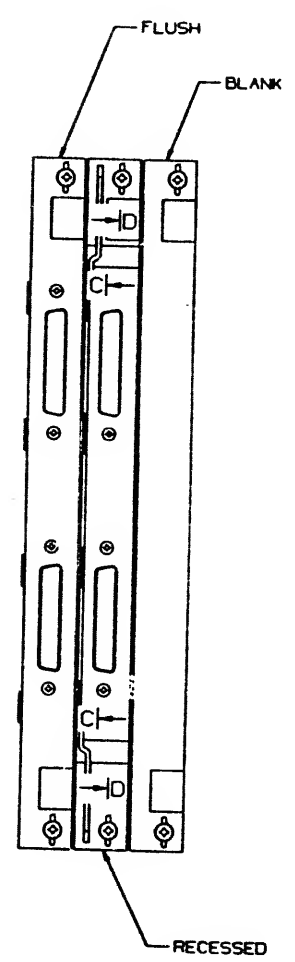
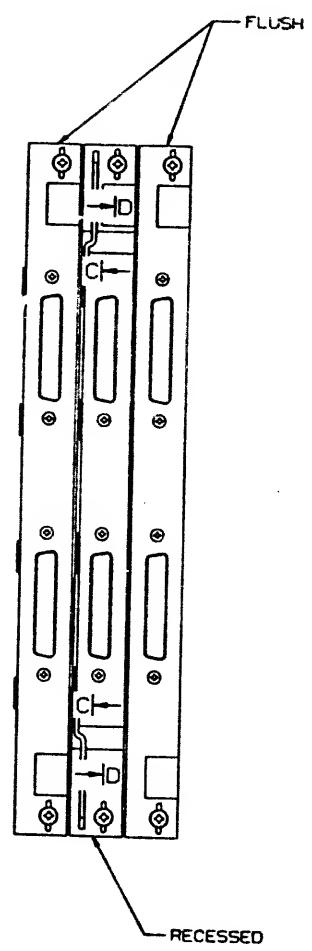
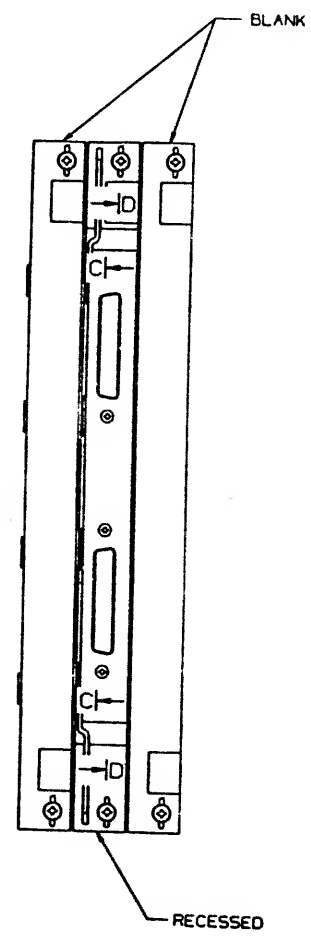
M.C.

7 H EALDY801.0-00V C L E A

REVISION HISTORY		
DATE	FOR HISTORY	REV



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POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

REVISION HISTORY		
DATE	ECO HISTORY	REV

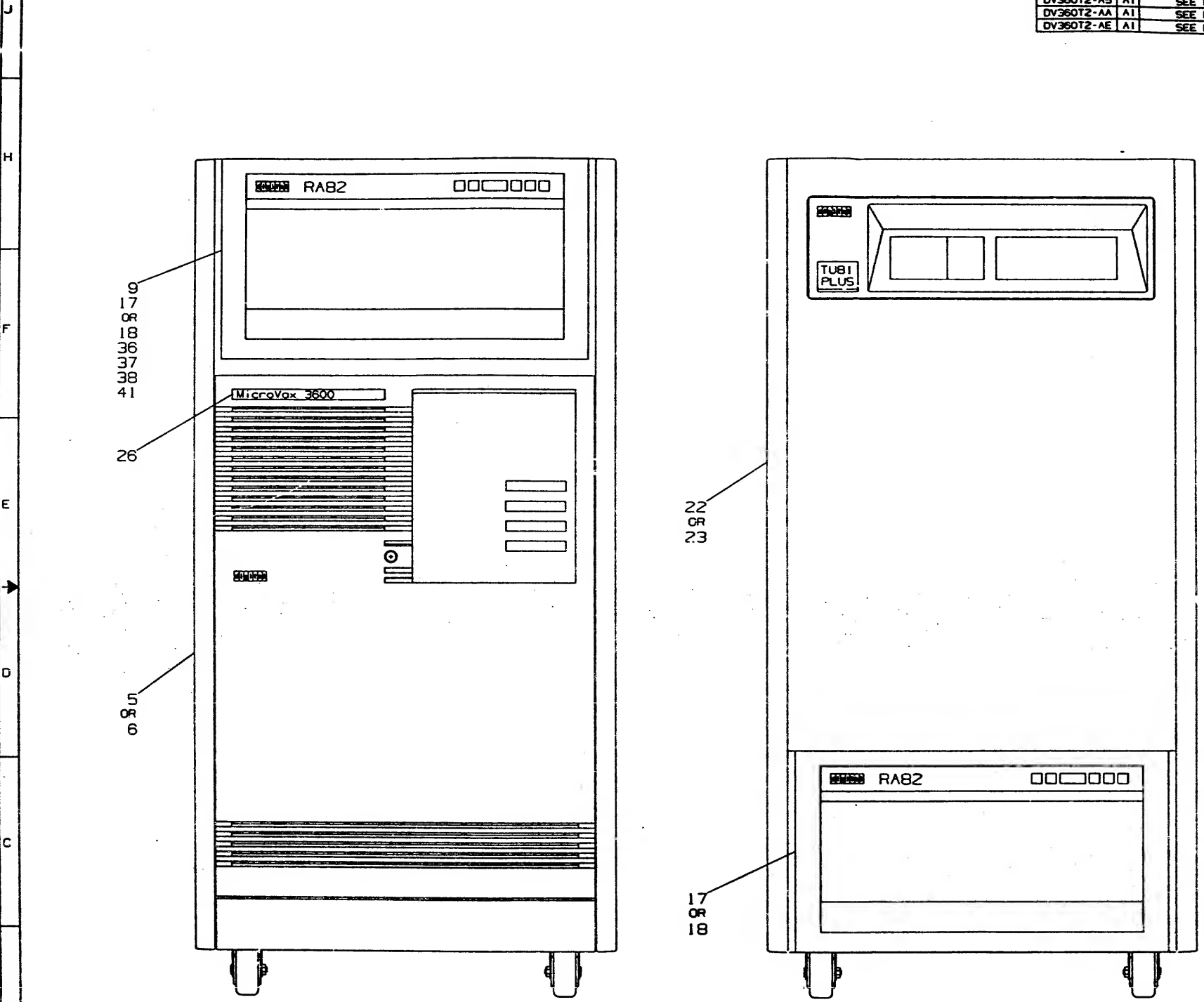
PLOT AT .5000

TITLE		DOCUMENT NUMBER	
MICROVAX 3600 STD CAB SYS (VMS)		NUMBER	REV
		70-24071-0-DBU	C
SCALE 1/2" = 1'-0"		SHEET 3 OF 3	
MLOI			

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LEGEND		
PART NO.	REV	VARIATION
DV360T2-A2	A1	SEE PARTS LIST
DV360T2-A3	A1	SEE PARTS LIST
DV360T2-A4	A1	SEE PARTS LIST
DV360T2-A5	A1	SEE PARTS LIST
DV360T2-AA	A1	SEE PARTS LIST
DV360T2-AE	A1	SEE PARTS LIST

- NOTES:
1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (KERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS DEPENDENT ON CUSTOMER CONFIGURATION.
 2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
 3. DEPENDENT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
 4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOTS 6 AND 7.)
 5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (70240/1-011) MUST BE USED (SEE SHEET 41)
 6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
 7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES A1 & A4 WITHIN REAR OF CPU CABINET.



PLOT AT .5000
FILE NAME: DV360T2-0-DBUC

CAUTION: OFF SHEET PARTS LIST EXIST
SEE K-PL-DV360T2-0-DBP
(MLA1953)

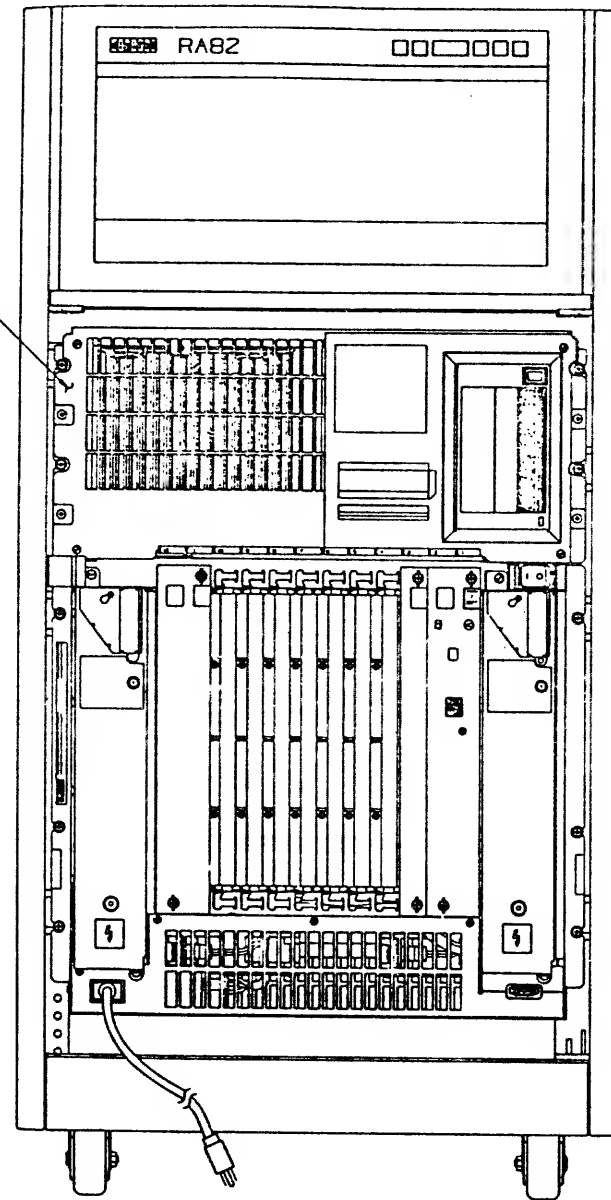
REV	DATE	BY	CHKD	APP'D
1	10/11/01	1007		

DESCRIPTION	DRAWING NO.	PART NO.	ITER NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			
HOLE TOLERANCES	±.010	±.015	±.020
SLIT TOLERANCES	±.010	±.015	±.020
WELD TOLERANCES	±.010	±.015	±.020
WELD PROJECTION	0.005	0.005	0.005
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MATERIAL	SEE PARTS LIST	SEE PARTS LIST	SEE PARTS LIST
FINISH	NONE	NONE	NONE
TITLE		MICROVAX 3600 EXP CAB SYS (VMSI)	
DRAWN BY		PAUL BAGGE	
CHECKED BY		D. HEALY	
APPROVED BY		S. LIDINGTON	
DATE		20-OCT-87	
SCALE		1"=1'-0"	
SHEET		1 OF 4	
DRAWING NO.		DV360T2-0-DBU	
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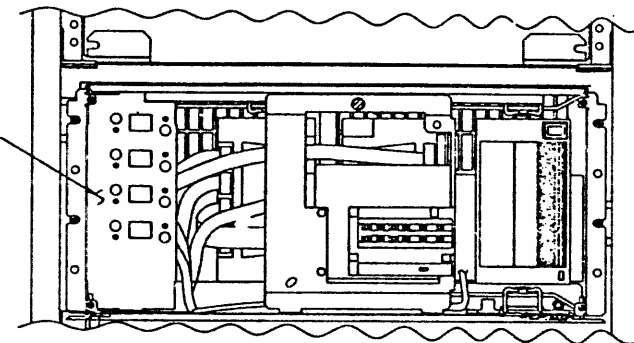
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FRONT PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT DOOR REMOVED

DIST. PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT PANEL REMOVED

PLOT AT .5000

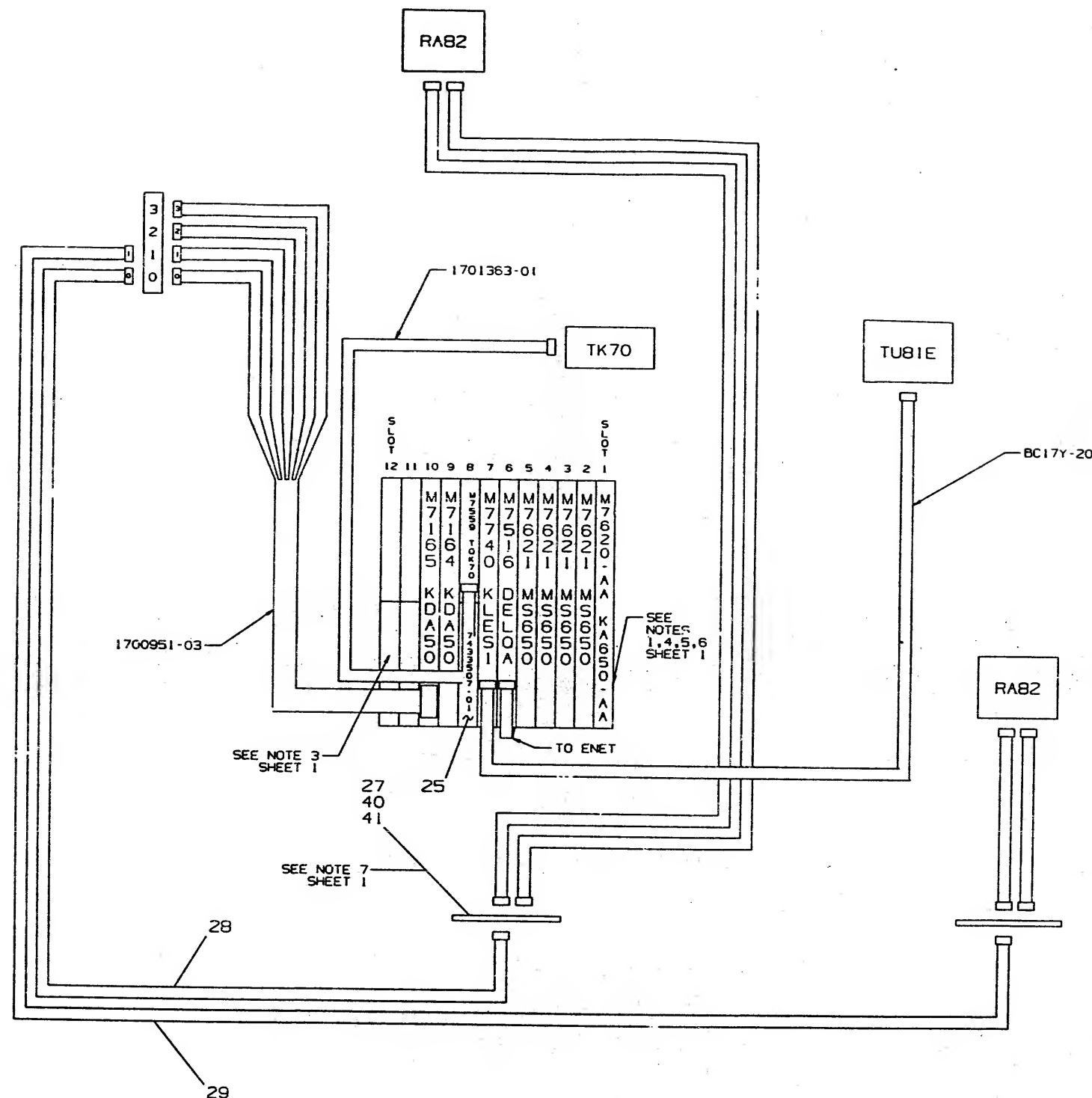
REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE MICROVAX 3600
EXP CAB SYSTEM
(VMS)

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	A-B	C-D
SLOT 1	0-BUS (1)	C D
2	0-BUS (2)	C D
3	0-BUS (3)	C D
4	0-BUS (4)	C D
5	0-BUS (5)	C D
6	0-BUS (6)	C D
7	0-BUS (7)	C D
8	0-BUS (8)	C D
9	0-BUS (9)	C D
10	0-BUS (10)	C D
11	0-BUS (11)	C D
SLOT 12	0-BUS (12)	C D

BACKPLANE
MODULE SIDE



PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE MICROVAX 3600 EXP CAB SYSTEM (VMS)		DOCUMENT NUMBER	
SIZE: 300	NUMBER	REV	
E UA	OV360T2-0-DBU	C	
SCALE 1/2	SHEET 3 OF 4		

MLOI

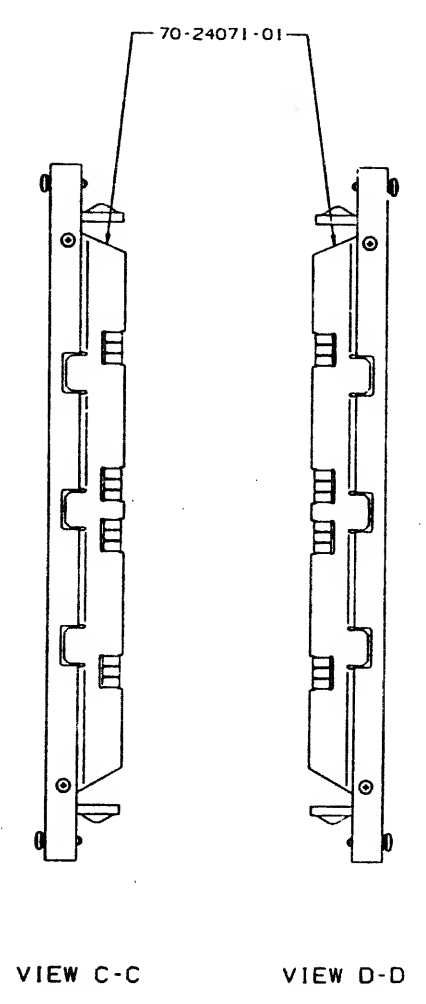
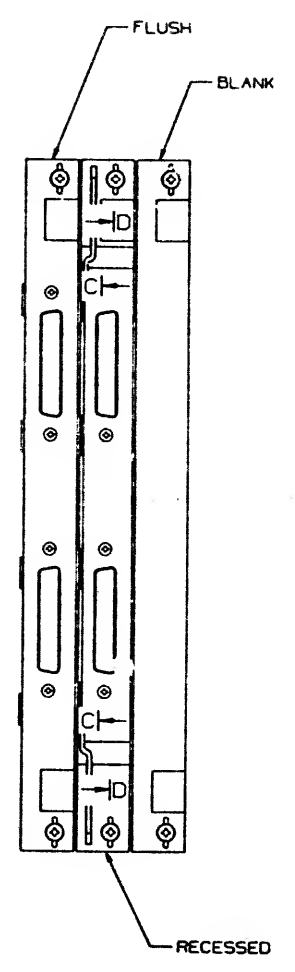
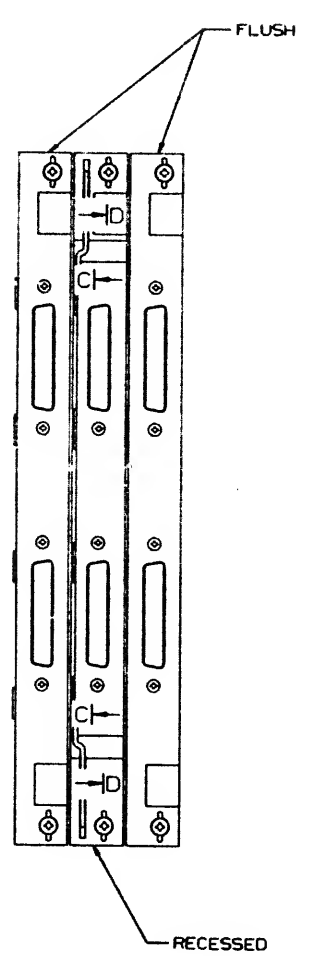
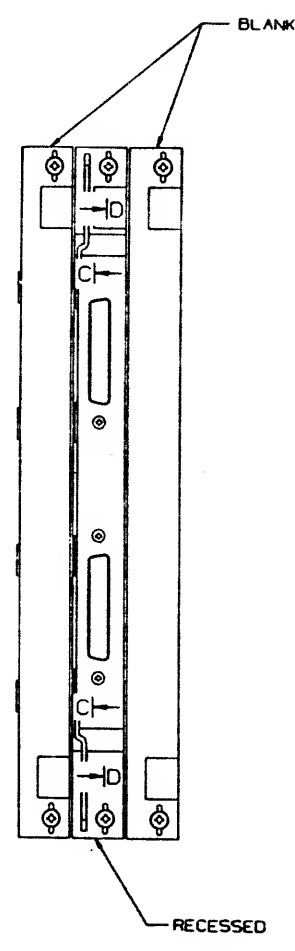
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REVISION HISTORY		
DATE	FOR HISTORY	REV



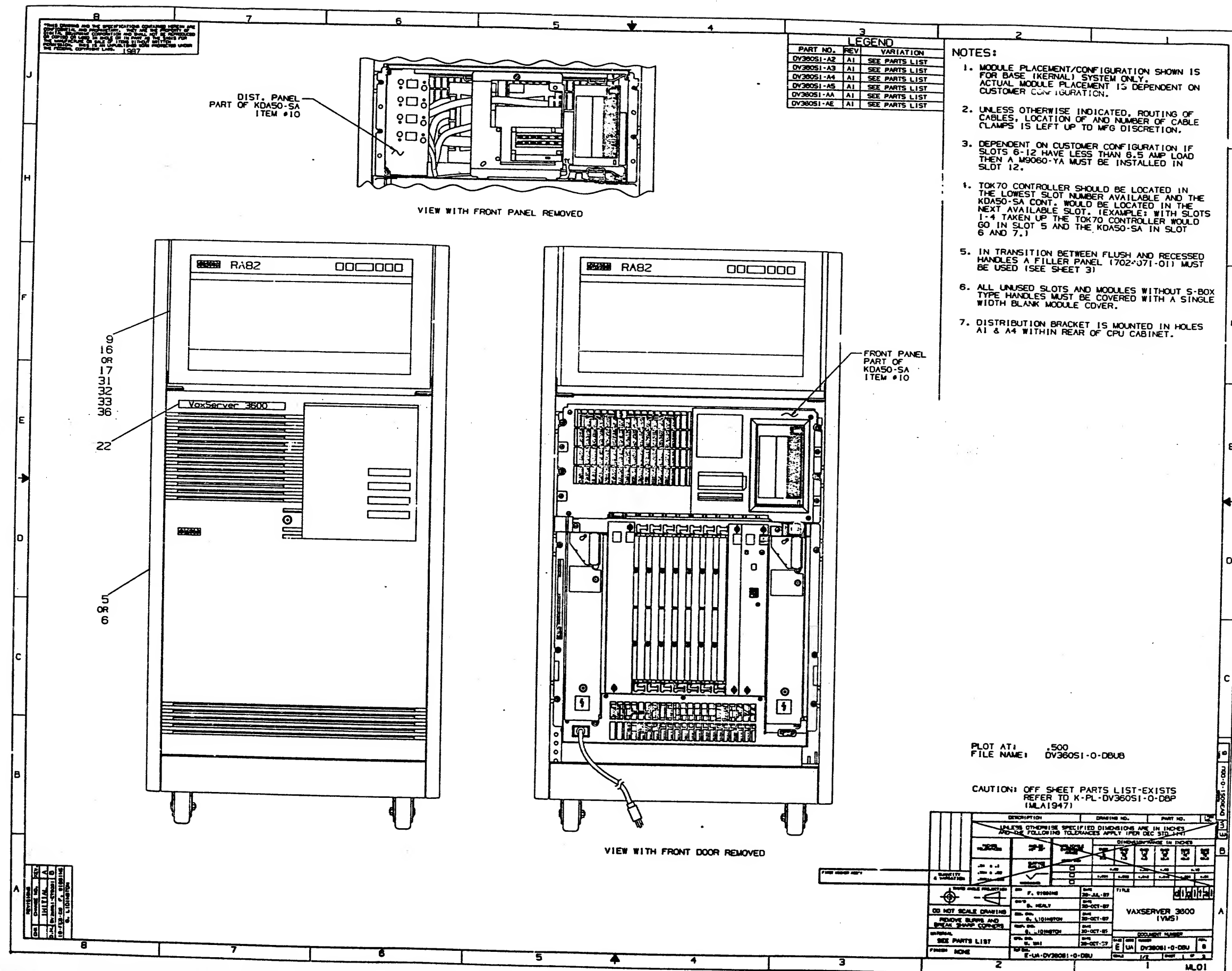
POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-240711)

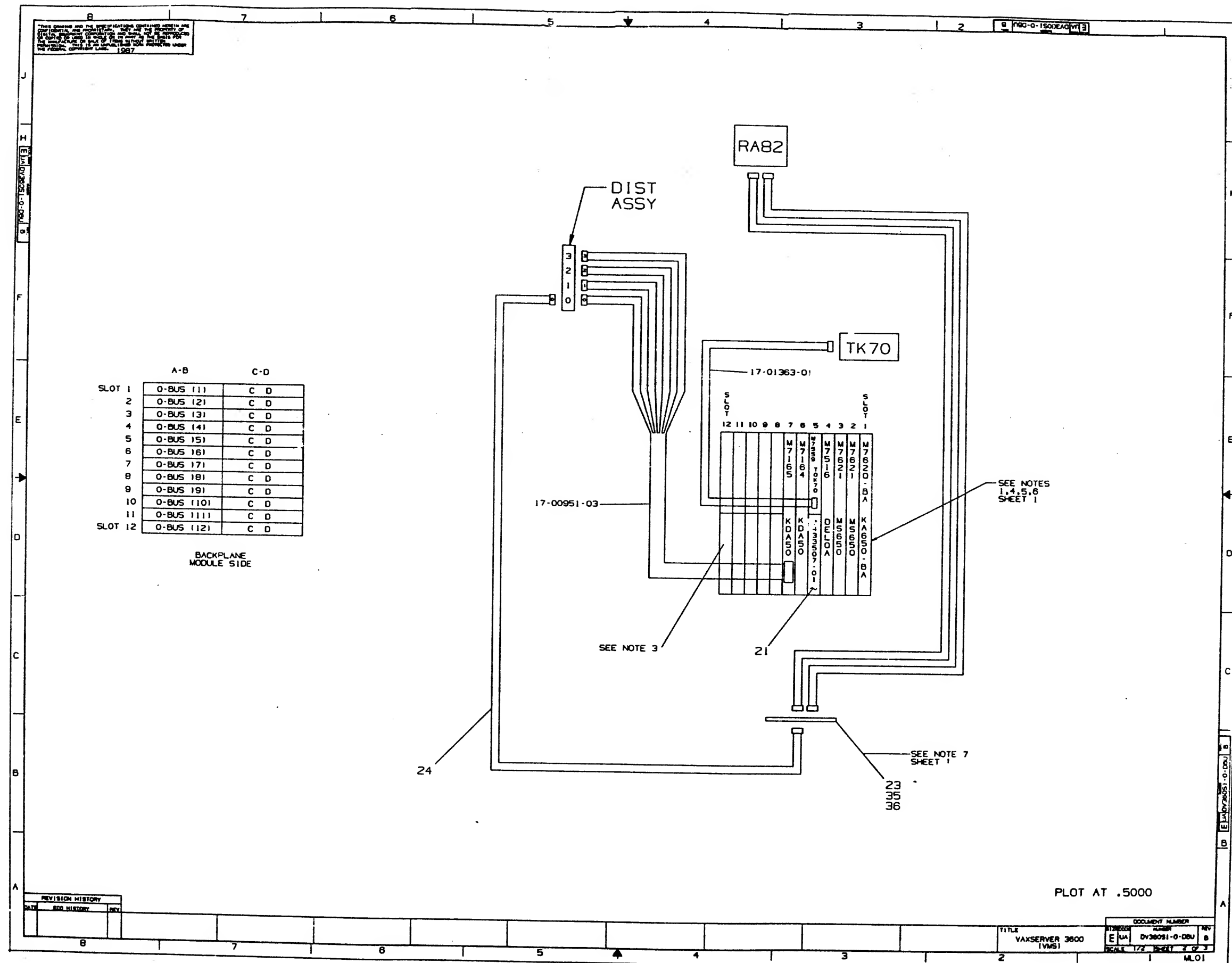
PLOT AT .5000

TITLE		DOCUMENT NUMBER	
MICROVAX 3600 EXP CAB SYSTEM (VMS)		NUMBER E UA DV38072-0-000	REV C
SCALE 1/2		12-SET 4 OF 4	
		ML01	

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DV38072-0-000
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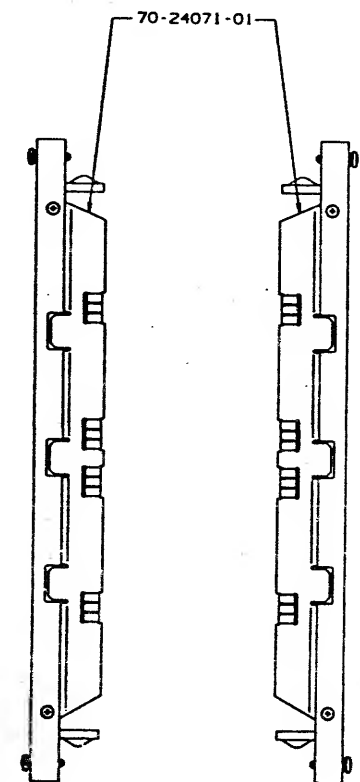
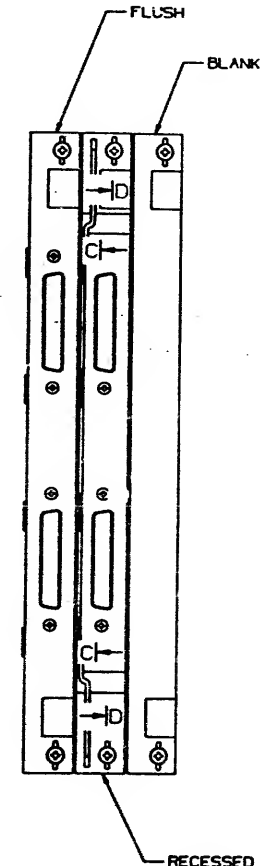
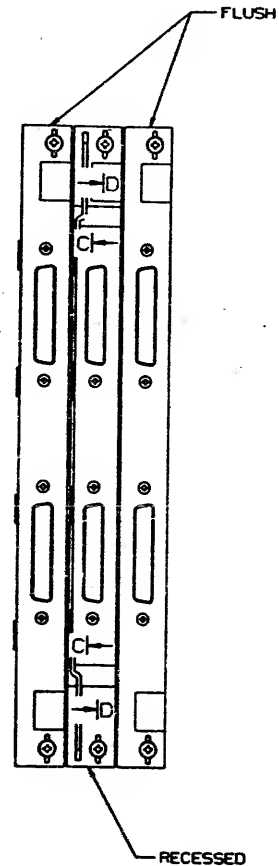
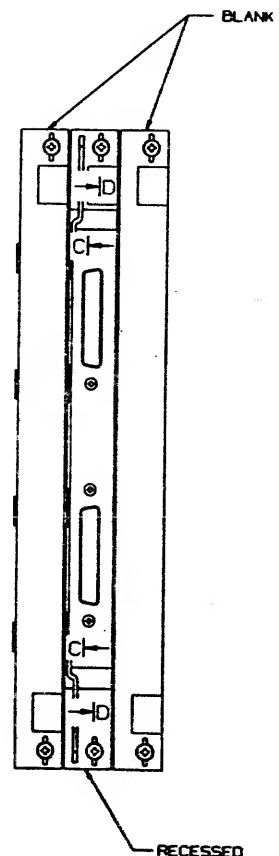
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9 700-0-1509EAO W 3



VIEW C-C

VIEW D-D

POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

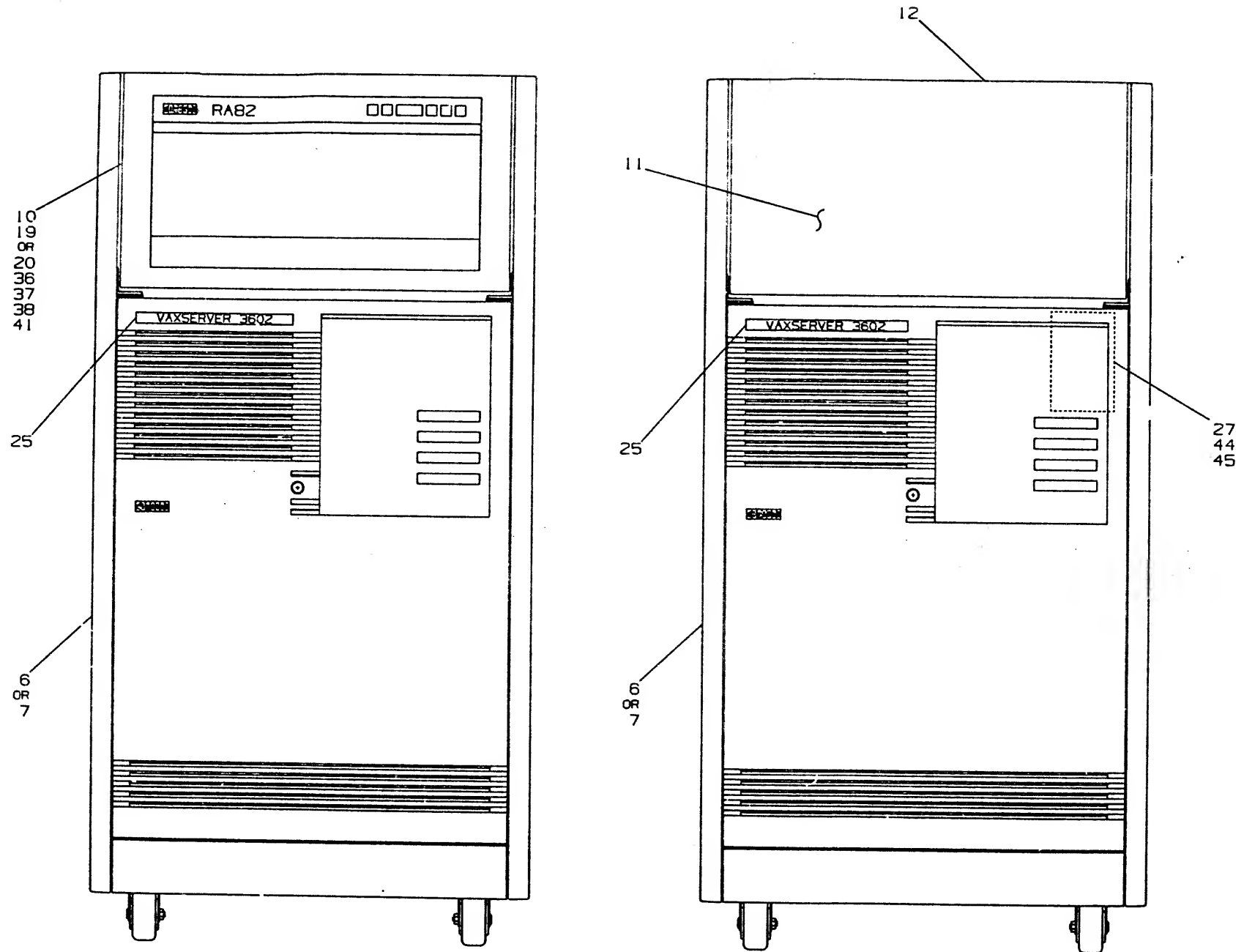
PLOT AT .5000

REVISION HISTORY		
DATE	BY	DESCRIPTION

TITLE
VAXSERVER 3800
(VMS)

DOCUMENT NUMBER
E 1A DV38001-0-DBU
SCALE 1/2 12-017 3 OF 3
MLO1

- # NOTES:
1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (KERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS DEPENDENT ON CUSTOMER CONFIGURATION.
 2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
 3. DEPENDENT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
 4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOT 6 AND 7.)
 5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (7024071-011) MUST BE USED (SEE SHEET 4)
 6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
 7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES A1 & A4 WITHIN REAR OF CPU CABINET.
 8. ITEM 42 (70-25708-011) IS LOCATED UNDER TOP COVER (H9544-LR1).



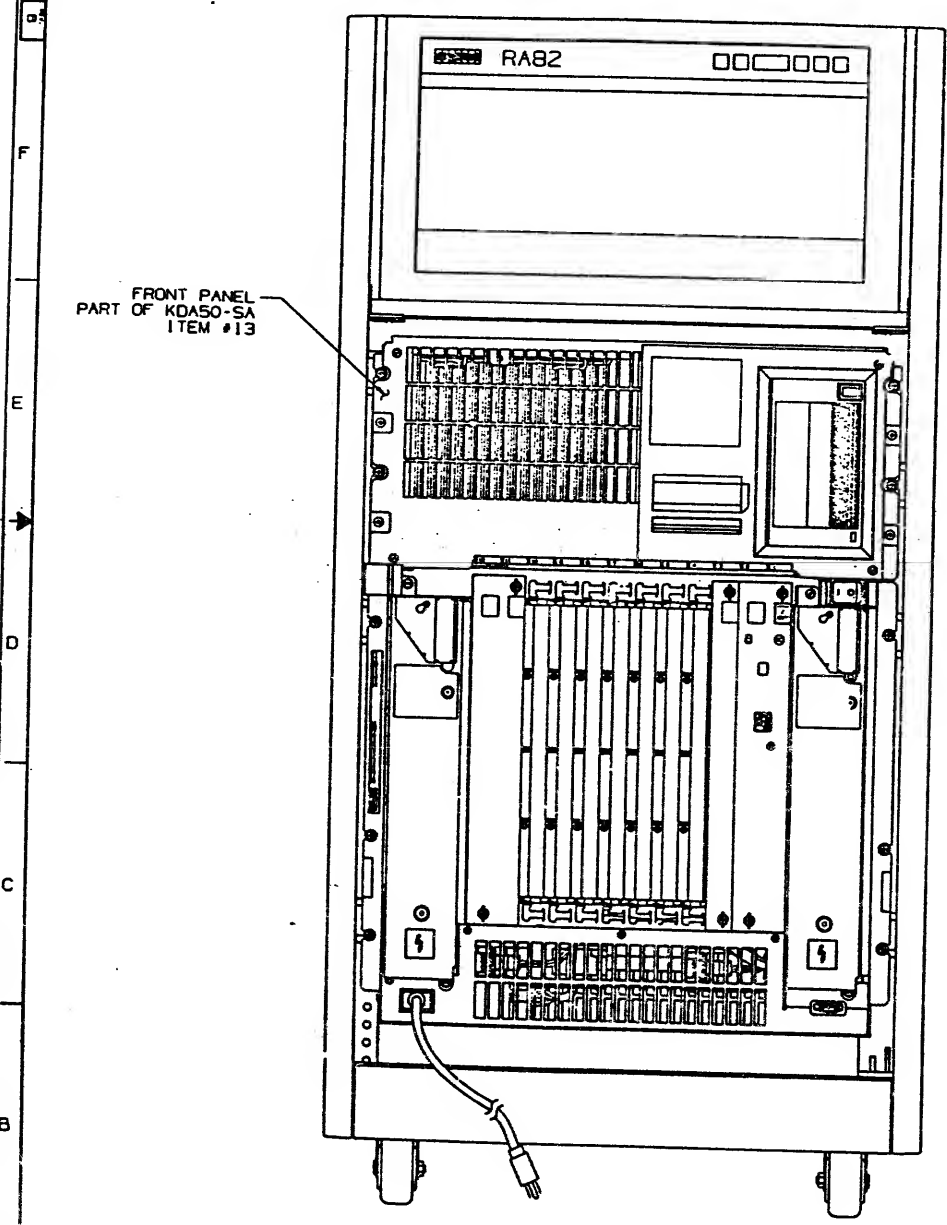
PLOT AT: .500
FILE NAME: DV360S2-0-DBU8

CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-DV360S2-0-DBP
(MLA1949)

REVISED	
CHK	CHANGE NO. REV.
	INITIAL A
D.M. ENGLISH-CR001 B	
01-APR-88 F. SIOGINS	
S. LIDINGTON	

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	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 1-1971)							
INCHES TOLERANCES		FRACTIONS	DIMENSIONAL CHANGE IN INCHES					
.0015 .0010 .0005 .0003 .0002 .0001		1/16 1/32 1/64 1/128 1/256 1/512	.0015 .0010 .0005 .0003 .0002 .0001	.0015 .0010 .0005 .0003 .0002 .0001	.0015 .0010 .0005 .0003 .0002 .0001	.0015 .0010 .0005 .0003 .0002 .0001	.0015 .0010 .0005 .0003 .0002 .0001	.0015 .0010 .0005 .0003 .0002 .0001
<input checked="" type="checkbox"/> .0015 <input type="checkbox"/> .0010 <input type="checkbox"/> .0005 <input type="checkbox"/> .0003 <input type="checkbox"/> .0002 <input type="checkbox"/> .0001		<input type="checkbox"/> 1/16 <input type="checkbox"/> 1/32 <input type="checkbox"/> 1/64 <input type="checkbox"/> 1/128 <input type="checkbox"/> 1/256 <input type="checkbox"/> 1/512						<input type="checkbox"/> .0015 <input type="checkbox"/> .0010 <input type="checkbox"/> .0005 <input type="checkbox"/> .0003 <input type="checkbox"/> .0002 <input type="checkbox"/> .0001
CLEARLY & VARIATION		NORTH ARROW INDICATION 		DATE 25-JUL-87		TITLE <div style="border: 1px solid black; padding: 5px; display: inline-block;"> VAXSERVER 3602 (VMS) </div>		
DO NOT SCALE DRAWING REMOVE SURFS AND BREAK SHARP CORNERS		DESIGNED BY D. NEALY DATE 20-OCT-87		CHECKED BY G. LIDHITCH DATE 20-OCT-87		DOCUMENT NUMBER DIVISION-0-000 SHEET 1 OF 4		
MATERIAL SEE PARTS LIST		DESIGNED BY G. L. NIAH DATE 20-OCT-87		CHECKED BY G. L. NIAH DATE 20-OCT-87		SHEET 1 OF 4		
FINISH NONE		3-A-U-DV8002-0-000						

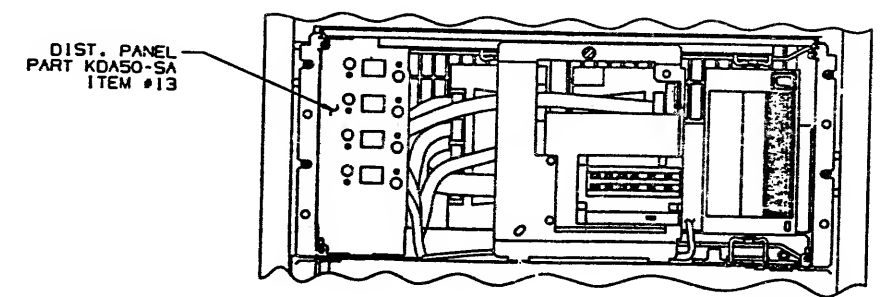
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VIEW WITH FRONT DOOR REMOVED

A-B		C-D
SLOT 1	O-BUS (1)	C D
2	O-BUS (2)	C D
3	O-BUS (3)	C D
4	O-BUS (4)	C D
5	O-BUS (5)	C D
6	O-BUS (6)	C D
7	O-BUS (7)	C D
8	O-BUS (8)	C D
9	O-BUS (9)	C D
10	O-BUS (10)	C D
11	O-BUS (11)	C D
SLOT 12	O-BUS (12)	C D

BACKPLANE
MODULE SIDE



VIEW WITH FRONT PANEL REMOVED

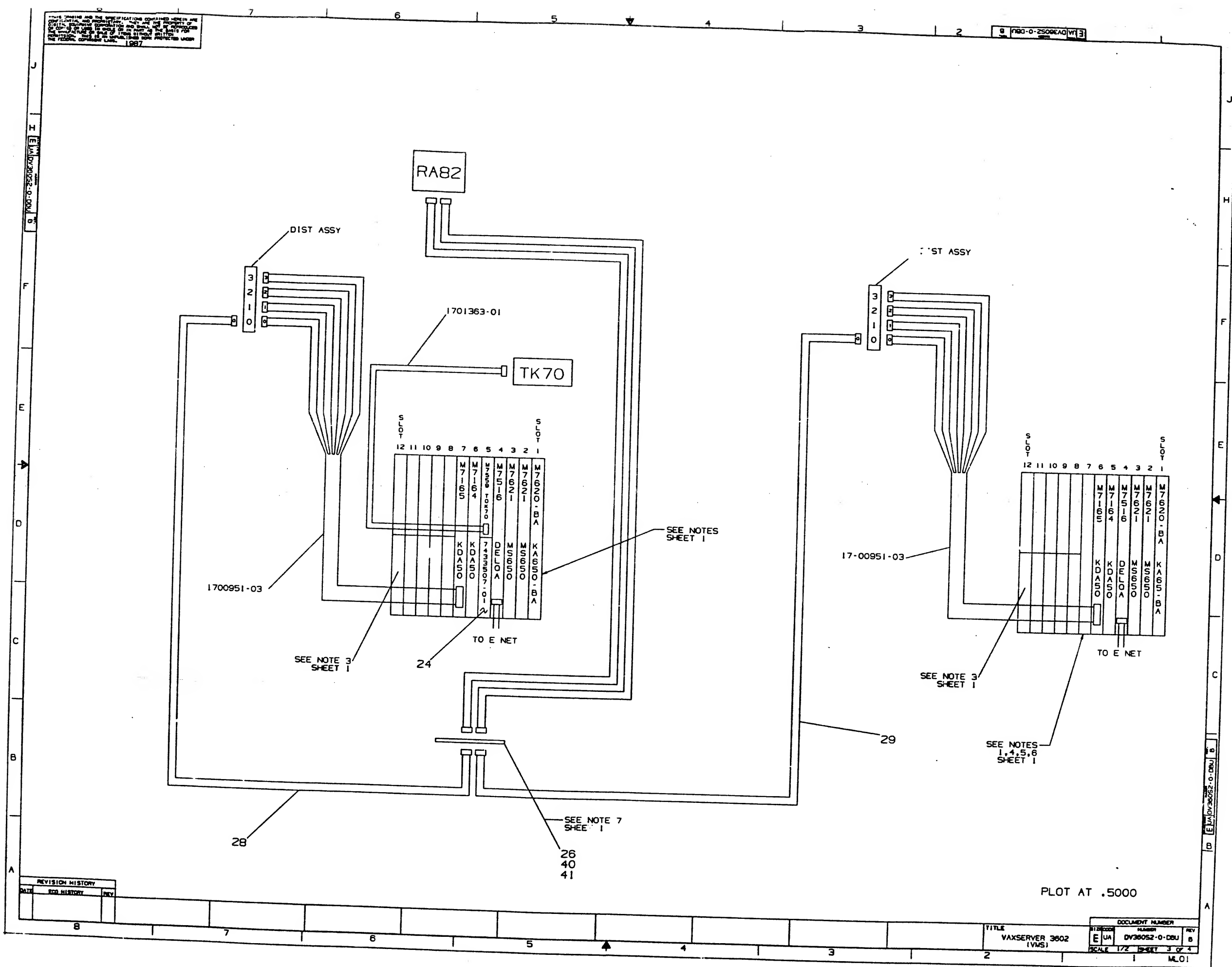
REVISION HISTORY		
DATE	BY	REV

PLOT AT .5000

TITLE		DOCUMENT NUMBER	
VAXSERVER 3602 (VMS)		DV36052-0-DBU B	
SCALE 1/2	INSERT 2 OF 4	ML01	

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9 080-0-2509510 V 3



REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE		DOCUMENT NUMBER	
VAXSERVER 3602 (VMS)		9 080-0-2509510 V 3	
SCALE	1/2	19-SET	3 OF 4
MLO1			

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U
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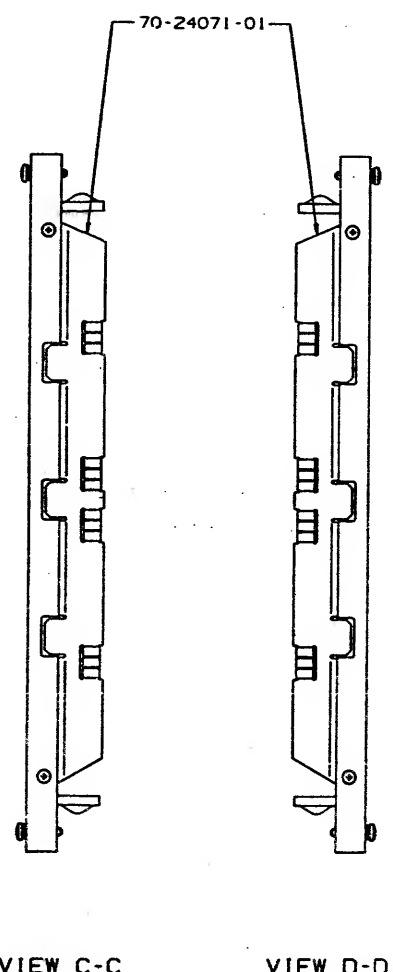
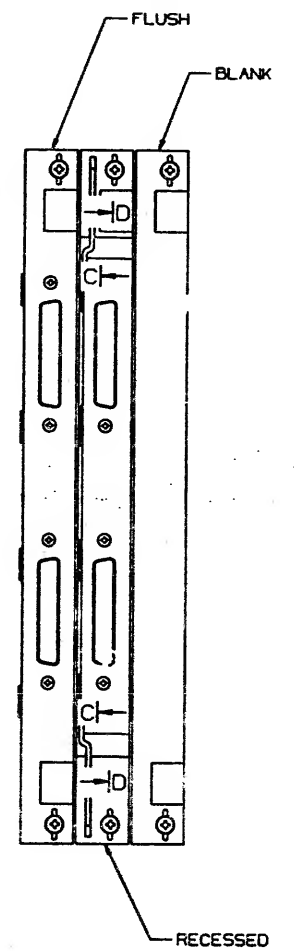
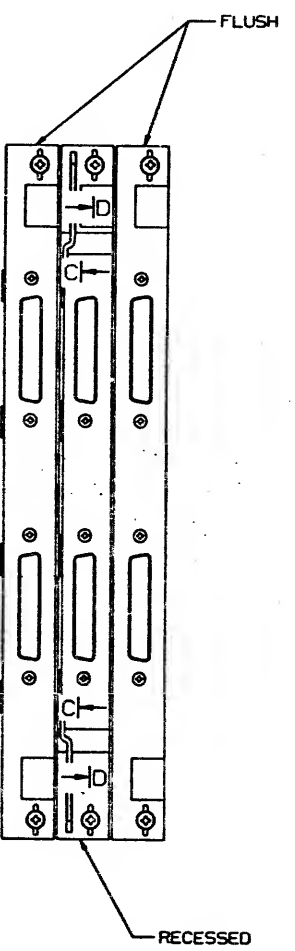
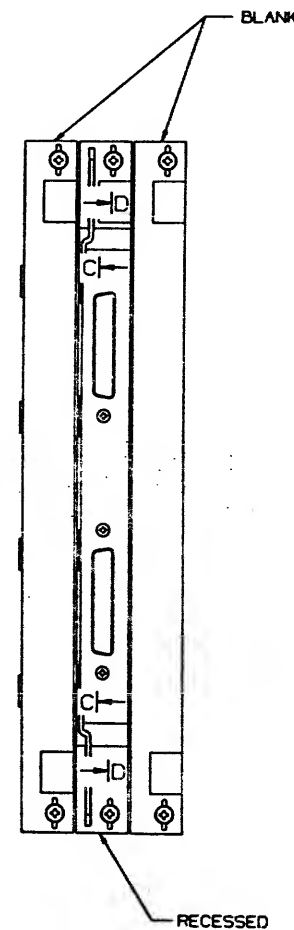
E

D

C

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A



VIEW C-C

VIEW D-D

POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

DOCUMENT NUMBER		
TITLE	NUMBER	REV
VAXSERVER 3802	DV38052-0-DBU	B
(VMS)		
SCALE	1/2	IS-EXT 4 OF 4

U
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ML01

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A1

LINE ITEM TOP DOCUMENT

PART NUMBER

MIN
REV

DESCRIPTION

QUANTITY PER VARIATION/REVISION

AA
A1

1 1 E-DD-M7621-0

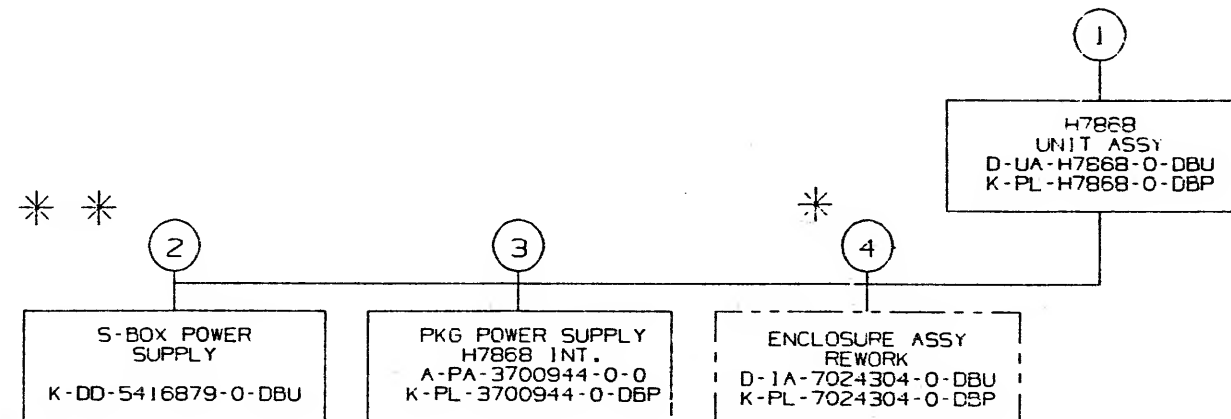
M7621-AA

8MB 256K CHIP RAM ARRAY = M7621-AF

1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: ROBERT KOPPENAL		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 18-DEC-87		CHK'D: ROBERT KOPPENAL		TITLE PARTS LIST			
---	INITIAL	A	(A)	AA	DATE: 18-DEC-87		DATE: 18-DEC-87		8MB ECC MOS MEMORY			
			(B)				DES.ENG: J. GROOMS					
			(C)				DATE: 18-DEC-87		DOCUMENT NUMBER			
			(D)				RESP.ENG.: J. GROOMS		SIZE CODE NUMBER REV			
			(E)				DATE: 18-DEC-87		K PL MS650-AA-DBP A			
			(F)				MFG.ENG: P. COHEN		RELEASE DATE: 18-DEC-87			
			(H)				DATE: 18-DEC-87		RELEASE STATUS: RELEASED			
			(J)									
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			MS650				B-DD-MS650-AA		SH533A.PLS		5	

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* ASSY INDICATED IS AN ACCEPTABLE
SHORT TERM SUBSTITUTE
FOR D-1A-7433416-0-DBU,
CALLED OUT IN FIND 1 OF
SHEET 3 OF 3

* * ALSO INCLUDED FOLLOWING
PC BOARDS:
K-DD-5416877-0-0 (SIGNAL SEQUENCER)
K-DD-5416875-0-0 (FAN SPEED CONTROLLER)
K-DD-5416913-0-0 (OVER CURRENT & OVER TEMP. CTRL.)

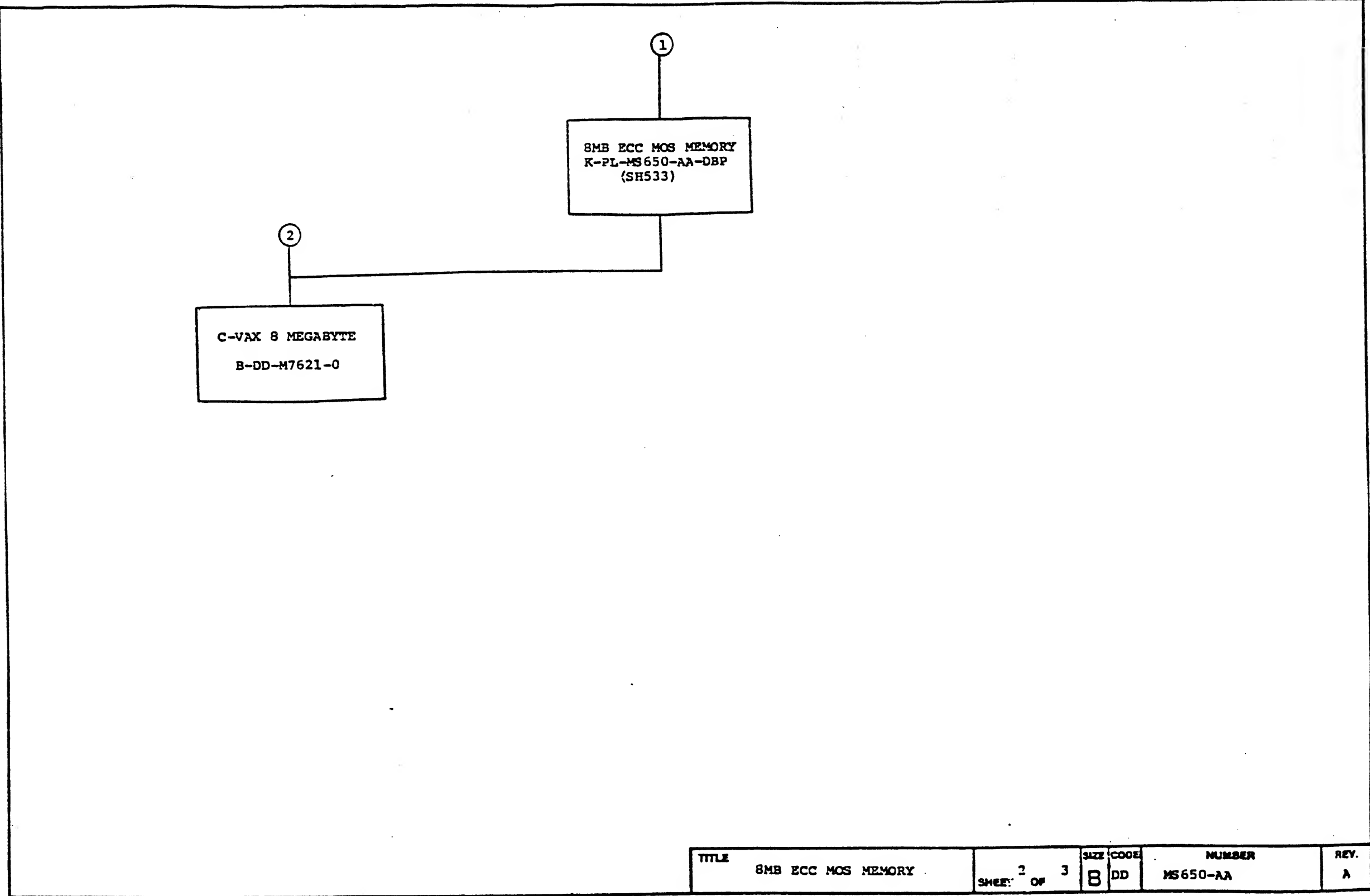
TITLE:	SHEET 2 OF 3	SIZE	CODE	NUMBER	REV.
H7868 UNIT ASSEMBLY		B	DD	H7868-0-DBU	C

MLO1

SIZE	B	CODE	DD	NUMBER	MS650-AA	REV	A
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[illegible]

DRB 128C
EN-01242-16-REVA(300)



TITLE		SHEET		OF	SIZE	CODE	NUMBER	REV.
8MB ECC MOS MEMORY		2	3		B	DD	MS650-AA	A

